



O T O P L A S T I K + L A B O R T E C H N I K



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Care Products

Hygiene and Safety at the Workplace

Impression Taking Technique

Hearing Aid Accessories / Service and Repairs

Tubes, Elbows and Accessories

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 Silicone Technique (cold/hot)

 Acrylic Technique (cold/hot)

Shaping and Surface Polishing

Laboratory Equipment and Furniture



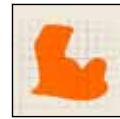
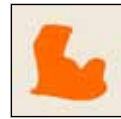
Earmolds

The right kind for everyone: The wide selection of today's earmolds offers an individual solution for every customer. An earmold is a one of a kind. It is the decisive link between the human ear and hearing technology. Technical precision in combination with modern manufacturing technology generate the exact fit. Made to fit the uniqueness of man.

Three Possible Routes, One Goal:

Classic

Sending us the impression by mail



Digital

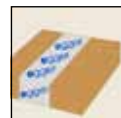
Sending us the impression digitally (by e-mail)

Individual

Sending us the data of the modeled scan



Production via Rapid Manufacturing



	Impression	Scan	Modeling	Print	Finishing	Shipping
Classic						
Digital						
Individual						



Processed by egger
Processed by customer

Rapid Manufacturing

The direct route to earmold manufacturing. With Rapid Manufacturing a highly precise scan offers perfect data of the ear impression. Then 3D-Modeling makes it possible to generate a customer-specific fitting with regard to functionality, retention and cosmetic design. The result is a custom-fit earmold that can be reproduced exactly – in different colors and at any time. High-quality materials guarantee complete biocompatibility.



Advantages:

1. Scan: The data makes exact reproduction of any number of earmolds possible.
2. Modeling: Computer technology permits incorporating individual and functional specifications.
3. Print: The manufacturing process guarantees highest quality – every time.
4. Finishing: The earmold is adjusted manually and is completely biocompatible.

Materials for Conventional Manufacturing

Ak Acrylic, cold polymerizate

- UV-resistant
- monomer-polymer base (PMMA)

Colors:
pink-transparent
transparent
Color Collection / Colored
Acrylic Earmolds

S50 Silicone 50 shore – very soft

- elastic (rubber-like), very high tensile strength, non-skid material
- one-component, hot-curing silicone with a degree of hardness of 50 shore

Colors:
pink-transparent
transparent

Ah Acrylic, hot polymerizate – extremely robust

- especially kind to the skin
- the material structure is even harder than that of acrylic cold curing material
- UV-resistant
- monomer-polymer base (PMMA)

Colors:
pink-transparent
transparent
beige-transparent

S/K Silicone 70/50 shore – soft combination

- elastic, very high tensile strength
- auditory canal is made of rubber-elastic and concha is made of tenacious-elastic, hot-curing silicone

Colors:
pink-transparent
transparent

AhK Acrylic combo hot polymerizate

- auditory canal is made of flexible and concha is made of hard acrylic hot polymerizate

Colors:
pink-transparent
transparent

S30 Silicone 30 shore – extremely soft

- super-soft material structure with a degree of hardness of 30 shore
- high tensile strength, permanent elasticity, non-skid material
- addition-vulcanizing silicone

Colors:
pink-transparent
transparent
red, blue, yellow, green, white

C Colana – cosmetic

- improves the cosmetic aspect of BTE earmolds
- colored in 8 different skin tone shades
- acrylic cold polymerizate on monomer-polymer base (PMMA)

Cat Catamaran – for splash protection

- floatable
- addition-vulcanizing, super-soft silicone with a degree of hardness of 30 shore

Colors:
Color Collection / Colored
Silicone Earmolds

S70 Silicone 70 shore – soft

- tenacious, but elastic, very high tensile strength, non-skid material
- one-component, hot-curing silicone with a degree of hardness of 70 shore

Colors:
pink-transparent
transparent
Color Collection / Colored
Silicone Earmolds

TC THERMOtec® – thermal flexible

- especially kind to the skin
- good transfer of humidity
- flexible at body temperature, hard at ambient temperature
- permanent elasticity and trouble-free application
- polyurethane base

Colors:
pink-transparent
transparent
red
blue
yellow
green
black

Patent under No. P4107284

All used materials are subject to regular quality checks.

Allergy Problems?

egger materials for earmolds are tested and biocompatible.

Only skin friendly materials are used. In exceptional cases

surface coating and special materials can help.



Titanium Earmold

Antiallergic metal earmold produced from an existing LP/H earmold using the Selective Laser Sintering (SLS) technique. The LP/H earmold is used for the manufacturing of the cast form and burns during casting under high temperatures, leaving no residues. It is necessary to wear the LP/H earmold beforehand as it is not possible to rework the titanium material.

Advantages:

- antiallergic, biocompatible material which is used in implantation technology
- highest degree of skin and body compatibility
- metal fineness
- pureness of metal
- so far no incompatibility known
- precious metal
- absolutely no plastic components
- low metal weight
- extremely long durability
- robust and insensitive

Gold-Plated Earmold

After use on a trial basis, a hard earmold can be 18 carat gold-plated. A gold-plated earmold cannot be reworked.

Advantages:

- antiallergic surface sealing
- every hard earmold can be coated later
- very skin friendly
- gold-plating of bond surfaces or of all surfaces possible
- high-grade appearance and decorative accessory
- high-gloss surface
- high surface cleanliness (18 carat)

Lacquered Earmold

An existing hard earmold can be sealed later with LP/H lacquer and hardened under UV-light. It is absolutely necessary to use the earmold on a trial basis because a lacquered earmold cannot be reworked without rupturing the LP/H coating.

Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- increases the skin-friendliness of acrylic earmolds in case of allergic reactions
- smooth surface structure

LP/H Earmold

PMMA-free plastic material on acrylic base which is polymerized and completely cured under UV-blended light.

Advantages:

- very skin friendly material
- PMMA-free
- easy to manufacture

THERMOTec® Earmold

The best mixing degree can be reached when mixing the two-component material while degasifying under vacuum. The following polymerization under pressure and temperature guarantees an optimal skin-compatibility.

Advantages:

- good transport of moisture
- patented (protected)
- physiologically perfect
- soft in the ear at body temperature
- hard at room temperature
- easy to insert into the ear
- permanent elasticity
- easy to rework

Rhodium-Plated Earmold

After use on a trial basis a hard earmold can be rhodium-plated. A rhodium-plated earmold cannot be reworked.

Advantages:

- antiallergic surface sealing is possible at a later date on every hard earmold
- very skin friendly
- rhodium-plating of bond surfaces or all surfaces possible
- high-grade appearance and decorative accessory

Note: It is necessary to manufacture a test earmold beforehand.

Earmolds for Children

Good hearing from the beginning is the most important prerequisite for the development of the speech center. To enable children to use high-quality hearing systems especially finely worked earmolds are essential. The thin-walled earmold improves the willingness to wear the hearing aid and perfectly insulates the child's ear. Earmolds for children are produced from robust, durable material. Various colors and our Color Collection increase the joy of wearing them. Sound tubes with a small diameter, made especially for children, fit into the tiniest auditory canals. Special retaining earmolds are available for the speech processors of CI-hearing systems.

For more information please contact us.

Phone: +49 831 5811340.



Care Program

... for long-lasting, good hearing. Professional cleaning and drying ensure the functionality of hearing systems and prevent ear infections. For the hearing aid acoustician the egger care program is the beginning of a continuous customer relationship and lucrative additional sales.

You can choose from the following product lines:

- *Cedis*: The strong brand for all hearing systems
- *Cedis Kids*: Especially for children
- *Cedis [my.name]*: Your name as a brand

Please give us a call to talk about the details.

Phone: +49 831 5811360



Labeling of Earmolds

Earmolds are unique. Individual labeling underlines this fact. By adding the name of the company, manufacturing date or left-right-markings the earmold becomes unique. Special requests are possible. Labeling is done by laser technology thus distinguishing the product from others.

We will be happy to inform you.

Phone: +49 831 5811340.



When it starts whistling while you are chewing ...

A bite block may help to take a more precise impression, in particular when high transmission gain is needed or in cases of feedback while chewing. While taking the impression, the customer bites down on the bite block putting slight pressure on the jaws. Thus the jaw muscles are strained and the auditory canal straightened.



The Impression Taking

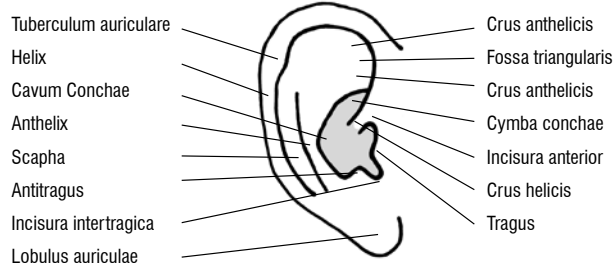
From taking an impression to forming an earmold. Basis for a high-quality earmold is a precise impression-taking of the ear. Experience, expertise and the right materials are necessary for this. The more exact the hearing aid acoustician defines the details for the order, the more precise an earmold can be manufactured. In particular this means giving detailed information on the length of the auditory canal, the length of the cymba, the type of sound tube etc.

Do you have any questions on impression-taking for circumaural earmolds, rest pieces or non-skid earmolds?

We will be happy to provide you with information.

Please give us a call.

Phone: +49 831 5811340.



Hearing Protection

Hearing protection today has numerous applications: at work, during leisure time, at night. Work protection regulations mandate the wearing of hearing protection in surroundings with a high noise level. Home improvers, hunters, motor sport enthusiasts or party-goers use protection earmolds for a worry-free time. Musicians combine hearing protection with the possibilities of in-ear-monitoring. Hearing protection opens up entirely new customer segments for the hearing aid acoustician – with a positive outcome.

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Custom-Made Hearing Protection / Protection Earmolds

Custom-made hearing protection by egger is useful where ever the highest degree of wearing comfort and very good protection are required. The use of attenuation elements of various noise reduction values ensures the right kind of protection in many fields of operation. Therefore, people can keep up a concentrated performance in a noise-polluted environment.

e PRO-X

The [New] Hearing Protector.

Large handle
(also available without handle)

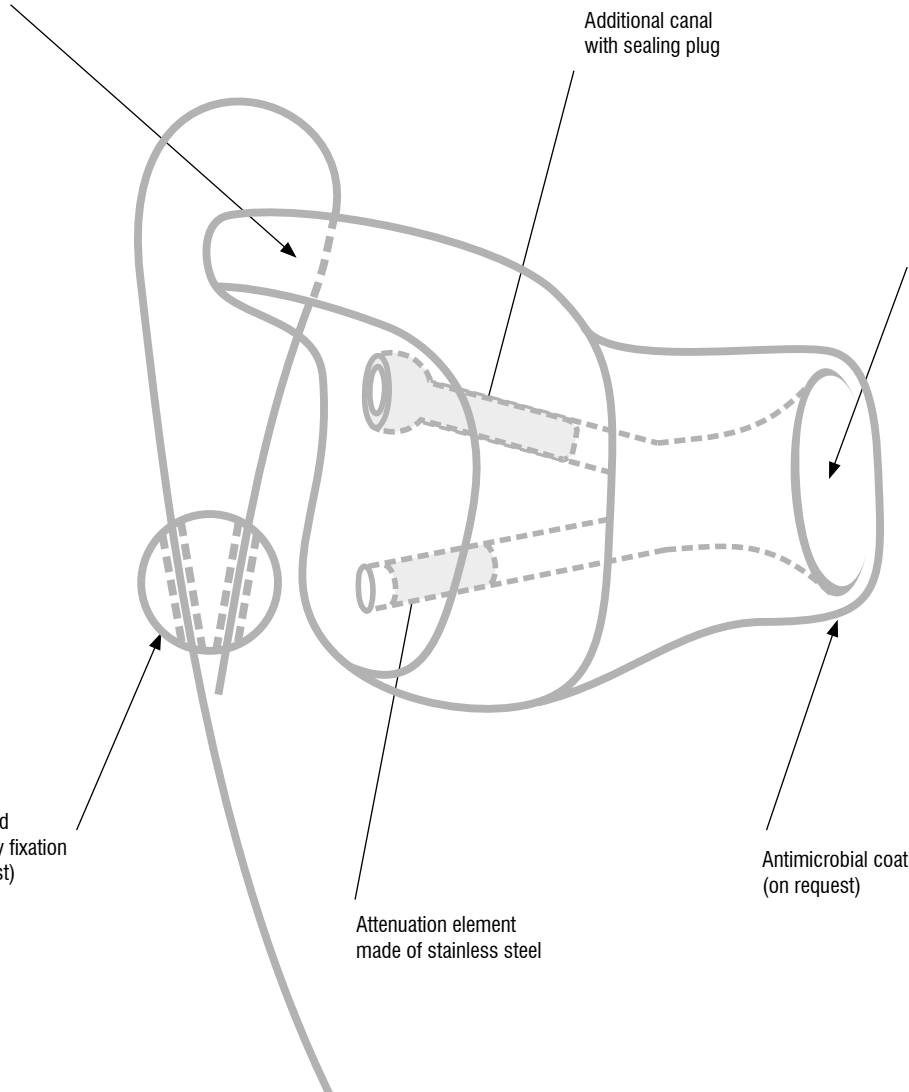
Additional canal
with sealing plug

Sound canal,
conical

Safety cord
with safety fixation
(on request)

Attenuation element
made of stainless steel

Antimicrobial coating
(on request)



egger ePRO-X

Versatile professional hearing protector for any situation.

As much protection as needed. As much acoustic perception of surroundings as possible. This characterizes ePRO-X as innovative, professional hearing protection. As such it is ready to counter damaging as well as disturbing noise. Manufactured individually after impression taking using comfortably soft material, every ePRO-X is a one of a kind and a joy to wear. Five different attenuation elements out of stainless steel to choose from; they offer a fine difference in reliable protection. With handle it facilitates handling and makes way for the optional attachment of a connecting cord – a helpful must, especially at the workplace. Without a handle ePRO-X is “conspicuously inconspicuous”. Insider tip: As part of its standard features ePRO-X already contains an additional sound canal. It is here that ePRO-X can be extended into an in-ear-monitoring by connecting it to special in-ear earphones or headsets. Thus an enjoyable listening experience will be guaranteed from the very start – on stage, while exercising or while traveling. ePRO-X represents unique versatility, customer satisfaction, a slim product portfolio and also your success!

- wide application range – from low to high noise levels
- 4 highly precise attenuation elements of stainless steel with effects to different degrees – with special approval S/V/W (use at the workplace; see table X 2M to X 5M)
- 1 attenuation element for leisure purposes – with little attenuation, e.g. for quiet surroundings while studying or against background noise in open-plan offices (* “X 1M”)
- highest wearing comfort due to custom-made protectors
- earmold made of tried and tested soft silicone
- long-lived and easy to clean
- available either with or without handle
- additional sound canal to be able to turn the protector into In-Ear-Monitoring (when it is not used, the sound canal is tightly sealed with a sealing plug)
- includes case with belt clip, user instructions, warranty card, wax pin, a care gel and cleansing wipe

On request available with connecting cord, metal detector ball and antimicrobial surface finish. Available in different colors.

We will gladly provide you with a detailed data sheet as a print-out or in PDF format – either online or by e-mail.

egger ePRO-X hearing protection devices are manufactured individually after ear impression taking. They conform to the regulations of Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2. Tested by Germany’s Institute for Occupational Safety and Health (IFA), Alte Heerstraße 111, 53757 Sankt Augustin. European notified body with the identification number 0121.

* Does not qualify as PPE (Personal Protective Equipment)



Attenuation elements (stainless steel)



Possible fields of application:

industrial sector
craft sector
hobbies
motor sports
in-ear-monitoring

Noise level:

medium to high
low (X 1M comfort element)
across all frequencies

Filter	X 1M*	X 2M	X 3M	X 4M	X 5M
SNR value	12	23	27	28	31
Value H in dB	18	25	27	29	30
Value M in dB	8	21	25	25	28
Value L in dB	3	16	23	23	26

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

NEW – egger ePRO-ER

Hearing protection for leisure purposes with natural sound reproduction

ePRO-ER is the comfortable hearing protection for anyone, who is exposed regularly to loud noises and still needs to be able to listen carefully: musicians, sound technicians, dentists, but also concert and club goers. Optimum protective effect is combined with natural sound reproduction, greatest possible wearing comfort and inconspicuous wearing style. Special broad band attenuation filters guarantee an even noise-reducing effect in the frequency range between 125 and 8000 hertz. The timbre is maintained, the sound continues to be natural. Our selection includes four filters 9*/15/25/stop, through which the noise level is reduced. At the same time, an occlusion effect is effectively avoided. Manufactured individually after ear impression taking, the ePRO-ER stays in the ear comfortably even when worn long-term. The exact fit provides a secure hold. The soft, long-life material is insensitive and easy to clean. In combination with the monitoring receiver EIM 15, the ePRO-ER earmold is ideally suited for use on stage or connecting e. g. to personal listening devices.

- optimal protective effect
- natural sound reproduction
- only the volume is reduced
- greatest possible wearing comfort due to custom-made fabrication
- four filters of different attenuation levels available
- colors of the filter: beige, red, blue and transparent
- standard delivery: transparent
- no occlusion effect
- made of soft, durable and easy-to-clean material
- suitable as earmold for in-ear-monitoring
- includes user instructions, storage bag, wax pin, *Cedis* care gel and warranty card

On request available with metal detector ball and in many different colors.

We will gladly provide you with a detailed data sheet as a print-out or in PDF format – either online or by e-mail.

egger ePRO-ER hearing protection devices are manufactured individually after ear impression taking. They conform to the regulations of Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2, ANSI S3.19-1974, AS/NZS 1270:2002. Tested by PZT GmbH, An der Junkerei 48 F, 26389 Wilhelmshaven, Germany. European notified body with the identification number 1974.

*Does not qualify as PPE (Personal Protective Equipment)



Possible fields of application:

musicians
music lovers
noise sensitivity
noise in the ear
in-ear-monitoring

Noise level:

low to high
across all frequencies

Filter	ER 9*	ER 15	ER 25	ER stop
SNR value	11	15	25	30
Value H in dB	10	13	25	29
Value M in dB	9	14	23	28
Value L in dB	9	14	21	26

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

ALPINE® F hard 7/8/10

Hearing protection for work and leisure time

ALPINE F hard 7/8/10 is a type of hearing protection, made of hard material, which is manufactured individually after ear impression taking. The attenuation effect is determined by three different filters depending on the application range.

- Filter F7: effective insulation against noise due to drilling, sawing or motor-roaring
- Filter F8: for applications e.g. when processing metal or polymer
- Filter F10: with the highest possible attenuation effect for high noise levels, e.g. while listening to music, shooting or for high concentration while reading

The attenuation effect of the ALPINE F hard 7/8/10 already begins in the low frequency range. Thus ALPINE F hard 7/8/10 is ideally suited as noise protection at work or for hobby and leisure time. Due to its optimum fitting, ALPINE F hard 7/8/10 guarantees high wearing comfort even during longer periods of use. The hard material is highly durable. Its surface is dirt-repellent and easy to clean. Therefore, ALPINE F hard 7/8/10 is also suitable for use under conditions generating a lot of dirt.

- custom-made after ear impression taking
- reasonably priced due to simple manufacturing process
- equipped with F10 filter in the standard version
- filters available in three different attenuation values
- attenuation efficiency already in the low frequency range
- resistant to dirt
- left and right hearing protection labeled with colored marks
- includes user instructions, storage bag, wax pin, *Cedis* care gel and warranty card

On request available with connecting cord and metal detector ball.

According to the regulations of the Directive 89/686/EEC (Personal Protective Equipment) and EN 352-2: 1993. Verified by TNO in Soesterberg, NL. European notified body with the identification number 0336.



Possible fields of application:

industrial sector
craft sector
hobbies

Noise level:

medium to high
medium / high frequency

Filter	F 07 green	F 08 red	F 10 white
SNR value	23	25	26
Value H in dB	27	28	28
Value M in dB	19	21	22
Value L in dB	14	17	20

Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Splash Protection Earmold

single-colored / multi-colored, incl. beach safe

The splash protection earmold is custom-made after impression taking. Prevents water from penetrating the ear while taking a bath or shower or doing water sports and therefore protects against ear inflammation. The extremely tissue-friendly, soft material complies with the Medical Devices Act.

- floatable
- very good protection due to customized fit
- seals without applying pressure
- made of soft material (30 shore)
- durable
- available in various colors and color combinations
- "beach safe" included, the waterproof case with cord
- on request available with connection cord
- available in blue, yellow, green, red, white, pink, purple, orange and black

**Concha Noise-Reduction Earmold**

Noise and splash protection, incl. bag

The individual protection earmold for work and leisure time, manufactured after impression taking. The soft material is pleasant to wear, protects intensively against noise, dust and cold temperatures and prevents water from penetrating the ear.

- good attenuation efficiency
- soft material (30/50/70 shore)
- durable
- perfect fitting
- easy to insert due to handle
- egger storage bag included
- available in transparent, single-colored or multi-colored
- on request available with connection cord

**Noise-Reduction Earmold for Ear Canal / Sleep Protection Earmold**

Small size, great effect, incl. bag

Earplug made of especially soft material, custom-made after ear impression taking. Comfortable to wear due to its small size. It guarantees an absolutely quiet sleep.

- pleasant quietness for sleeping
- extremely soft material (e.g. 30 shore)
- durable
- perfect fitting
- egger storage bag included
- available in transparent, single-colored or multi-colored



egger ePRO-X

egger ePRO-ER



ALPINE® F

Protection Earmolds



Communication Systems / In-Ear-Monitoring

The professional in-ear monitor – for professional musicians on stage, as well as for listening to your iPod and MP3 player, for headsets of cell phones, walkie-talkies or dictaphones. In-ear-monitoring in combination with a custom-made monitoring earmold provides effective hearing protection with high wearing comfort. For a professional performance.

In-Ear-Monitoring (IEM)

- ... not only for musicians
- ... the professional in-ear monitor
- ... taking the sound right to the ear



In-Ear-Monitoring

Developed by stage performers at the end of the 80s, this technology is becoming increasingly popular. “Zoning out on the unnecessary”. Large monitor boxes on stage through which every musician controls his or her voice or instrument are no longer needed. Instead every musician has his or her in-ear monitor – a small receiver worn directly in the ear. Ideally in combination with a custom-made earmold by egger, manufactured after impression taking of the ear (= monitor earmold).

Clear bonus points for musicians:

- total control over sound and voice on the entire stage
- considerably lower noise level in the ear and on stage
- provides unchanging and natural sound quality, allows unlimited movement and highest possible wearing comfort during rehearsals and concerts
- apart from your hearing, it is also kind to your voice. Singing to overpower the high, overall noise level on stage is no longer necessary

The custom-made in-ear-monitor earmold

- is manufactured after the hearing aid acoustician takes your ear impression
- effectively protects the ear against high noise levels
- prevents hearing damage
- is manufactured especially for existing standard receivers (e. g. iPod, MP3 player, CD player).
This way the receivers will stay securely in the ear while, e. g. exercising.
- suitable for many mobile and radio devices, so you can still hear your conversation partner even in noisy surroundings



Today this technology has become important in many areas of modern communication, e. g. for

- musicians
- security personnel
- radio and TV hosts
- racers and pit crews
- MP3 players
- headsets of mobile devices
- dictaphones in a secretary's office



If you want to discover the wonders of in-ear-monitoring and do not yet have an in-ear receiver, choose one from the egger program.

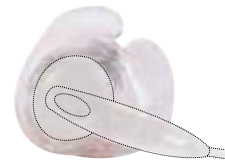
Custom-Made IEM Earmolds

The professional link between man and technology.

- custom-made after ear impression taking
- ensures secure hold in the ear
- comfortable to wear
- great sound reproduction
- reduces background noise
- suitable for many fields of application

Concha Monitoring Earmold, soft

The concha monitor earmold is manufactured individually, made of soft material, after ear impression. It offers an exact fit for coupling to many standard receivers of CD players, iPods, MP3 players, office communication devices, headsets or radio devices. Thus reducing background noise while staying securely in the ear.



Ear Canal Monitoring Earmold, soft

The ear canal monitoring earmold is characterized by its small size. Made of soft material after custom-made impression taking. It connects your hearing with mini receivers that are usually worn with ear plugs. The ear canal monitoring earmold is the right earpiece for everyone that is dependent on sound reproduction like musicians, sound technicians or security personnel. The custom-made connection reduces background noise and ensures a secure hold.



Race-Line In-Ear-Monitoring, soft

In-ear-monitoring set for both ears. Custom-made, soft earmolds, manufactured after ear impression taking. Developed especially for motor sport enthusiasts and comfortable to wear under helmet. The receivers are firmly integrated into the earmolds. One set of receivers comes with a RCA jack and a cable of approx. 130 cm, (measured from plug to receivers).



Standard Monitoring Earmold, hard

The standard monitoring earmold creates a custom-made connection between your hearing and CD player, iPod, MP3 player or office communication devices. Custom-made earmold manufactured of hard material after ear impression taking. Fits securely in the ear and reduces background noise. This is in-ear-monitoring at a favorable price for better sound reproduction.



IEM Earphones**EIM 15** – Earphone suitable for hearing protection ePRO-ER**86435**

EIM 15 is the small, high-quality in-ear stereo earphone, suitable for the custom-made hearing protection ePRO-ER. Simply exchange filter elements of ePRO-ER with in-ear earphones and transform your noise protection into an in-ear-monitoring system with natural sound quality, good reproduction of deep tones and great wearing comfort. It is the flexible solution when seeking technology while caring for your hearing.

- transforms ePRO-ER hearing protection into a professional in-ear-monitoring system
- natural sound quality
- good reproduction of deep tones
- flesh-colored
- durable, flexible cable
- stereo jack plug (3.5 mm)
- protective case included

**Spiral Tube**, 2.0 x 3.1 mm**95611**

with collar clip for coupling to earphones

Elbow for spiral tube**95612****Coupling Connector with Collar Clip** (without spiral tube)**95613****Standard Earmold Set**

Includes 3 soft, ready-made earpieces in different sizes and one lamella-shaped ear plug.

For left ear**95615****For right ear****95616**

NEW – Etymotic Research – The Inventors of the In-Ear Technology

Etymotic Research has been recognized as the market leader in the in-ear technology sector for more than 25 years. The result were the pioneering insert earphones for people who value superior sound quality. Linked to each series, these earphones are additionally available in the Headset version. Apart from perfect listening and speech intelligibility quality, this version guarantees the highest possible safety level when in use. To that end, Etymotic offers the “App Awareness!™” tool, with which the level of noise isolation can be selected and surroundings will remain audible e.g. in road traffic or while exercising available at www.etymotic.com/awareness.

hf Series – High-Fidelity for the Ears

Superior sound

Strong design

Kevlar-reinforced cable

Many accessories

Beloved among musicians, music and audio book lovers

Clear communication for telephone users with little and lots of breath

Soft touch colors: ruby, cobalt, black

hf5 Earphones

For all audio players

- extraordinary sound quality
- frequency response 20 Hz – 15 Hz
- 35 – 42 dB noise isolation
- high-quality aluminium casing
- high wearing comfort
- includes pouch, replaceable filters, assorted standard eartips, shirt clip, user manual

black

86548

cobalt

865481

ruby

865482

**hf3 Headset + Earphones**

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity “In-Line-Microphone” with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for hf5

black

86547

cobalt

865471

ruby

865472

**hf2 Headset + Earphones**

Works with smartphones/tablets, Blackberry, Android, Windows Mobile devices, MP 3 players

- close-proximity “In-Line-Microphone” with a simple button control answer/end calls or select music
- music automatically pauses for an incoming call
- 3.5 mm 3-contact plug
- many accessories as for hf5

black

86546

cobalt

865461

ruby

865462



mc Series – Starting Out into the Good World of Sounds

Strong sound

Low cost

Ideal for music and audio book lovers

User-friendly for telephone users with little and lots of breath

Snazzy chromatic color (black)

mc5 Earphones

For all audio players

- improved casing for better sound
- convincing sound quality
- frequency response 20 Hz – 15 kHz
- high level of noise isolation
- improved shape for enjoyable wearing comfort
- light, robust aluminum casing
- Kevlar-reinforced cable
- 3.5 mm plug
- includes pouch, replaceable filters, assorted standard eartips, shirt clip, user manual
- convincing price-performance-ratio

86545

**mc3 Headset + Earphones**

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity "In-Line-Microphone" with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for mc5

86544

**mc2 Headset + Earphones**

Works with smartphones/tablets, Blackberry, Android, Windows Mobile devices, MP-3 players

- close-proximity "In-Line-Microphone" with a simple button control answer/end calls or select music
- music automatically pauses for an incoming call
- 3.5 mm 3-contact plug
- many accessories as for mc5

86543

**ETY-Kids Series – Guaranteed Fun Listening Experience and Hearing Protection**

Familiar sound quality

Hearing-sensitive volume control

Suitable especially for kids and teens

Glossy look (black)

ETY-Kids5 Earphones

For all audio players

- Etymotic sound quality
- integrated volume control
- avoids damaging volume levels
- frequency response 20 Hz – 15 kHz
- up to 42 dB noise isolation
- suitable for audio devices with 3.5 mm plugs
- includes pouch, assorted standard eartips, user manual

86542



ETY-Kids3**86541**

For iPhone, iPad, iPod touch and other MP 3 players

- close-proximity "In-Line-Microphone" with 3-button control
- supports the control possibilities of the latest mobile devices from Apple
- music automatically pauses for an incoming call
- 3.5 mm 4-contact plug
- many accessories as for ETY-Kids5

**MicroPro Earphones – Premium Quality for Professionals**

Meets the needs of professional musicians
 Suitable for stage action or the recording studio
 Perfectly equipped in any situation

ER-4P/T**864201**

Hearts and ears will flutter in excitement

- transparent sound
- deep low tones, clear high tones
- balanced technology (right and left transducer)
- frequency response 20 Hz – 16 kHz
- maximum output (SPL) 122 dB
- up to 42 dB complete noise isolation
- small shape, great wearing comfort
- 3.5 mm plug
- comprehensive set of accessories: storage box, pouch, assortment of eartips, 6.3 mm stereo plug, airplane plug, shirt clip, replaceable filters including tool

**etyBLU2™ Bluetooth® Headset****86540**

Offering a solution to telephone users with little and lots of breath who want to make calls in surroundings with high levels of background noise

- wireless, sophisticated technology
- brilliant speech intelligibility and sound quality
- flexible boom allows close proximity microphone location
- noise canceling microphone (- 30 dB)
- noise-isolating effect thanks to standard eartips
- up to 7 hours talk time, up to 100 hours standby
- low battery warning
- comprehensive set of accessories: assortment of eartips, earloop, USB charging cable, microphone wind screen, replacement filter and filter removal tool





Standard Hearing Protection

Standard products protect against noise – quickly and easily while being reasonably priced. To this end, they are practical for visitor groups in noisy factories, for home improvers or quiet sleep. Standard hearing protection is available for every occasion, in various shapes - plug or lamella -, with or without bow, or simply as ear muffs.

Standard Hearing Protection – Practical, Quick, Inexpensive

It is the simple and fast solution for protecting against noise and caring for your hearing: standard hearing protection. It is practical and offers secure protection at work, during home improvement projects, for water sports or a good night's sleep. Standard hearing protection is available for every occasion and in various shapes – plug or lamella.

Electronic Hearing Protection

Noticeable effect yet hardly noticeable in the ear. Electronic hearing protection of premium quality. Clever, shaped as small in-ear-devices, comfortable, safe. Suitable for work areas with high levels of background noise, gun sports. Activation of enhancement mode possible for soft background noises. High-level wearing comfort. Includes comprehensive set components: 1 pair of in-ear hearing protectors, assortment of eartips, robust connecting cord, replacement filter and filter removal tool, cleaning brush, 6 zinc-air batteries A 312, high-quality pouch.

NEW – HD•15

For use in loud surroundings and continuous-noise work areas

- protection against (impulse) noises
- awareness of surroundings remains intact
- automatic enhancement – noise reduction of 15 dB in case of steady-state noise
- enhancement mode for soft background noises
- permitted as Personal Protective Equipment

86538



NEW – GunSport•Pro | GSP•1

For hunting and other gun sports

- reliable protection against (impulse) noises
- additional noise isolation thanks to optimum shape
- enhancement mode for soft background noises, e.g. for the awareness of soft noises during the hunt
- awareness of surroundings remains intact
- permitted as Personal Protective Equipment

86537



Plug, Kneadable

Ear Putty

Silicone earplug, 1 pair
Splash water protection
Sound night's sleep

86602



Foam Plugs

Classic Soft

1 pair in pocket pack
5 pairs in pocket dispenser
50 x 5 pairs in pocket dispenser
200 pairs in dispenser

86565

86561

86562

86563



SNR: 36 dB, H-value: 36 dB, M-value: 33 dB, L-value: 29 dB

x-fit

1 pair in PE pouch
200 pairs in box
200 pairs in refill bag (loose)

86570
86572
86571

SNR: 37 dB, H-value: 36 dB, M-value: 34 dB, L-value: 34 dB

**com4-fit**

1 pair in PE pouch
200 pairs in box
200 pairs in refill bag (loose)

86575
86577
86576

SNR: 33 dB, H-value: 33 dB, M-value: 30 dB, L-value: 29 dB

**OHROPAX Color**, 8 pieces**86433**

SNR: 34 dB, H-value: 34 dB, M-value: 32 dB, L-value: 31 dB

**Earplug Quiet**, 1 pair**86413**

SNR: 28 dB, H-value: 29 dB, M-value: 25 dB, L-value: 23 dB

**Express**, 1 pair**86412**

SNR: 28 dB, H-value: 30 dB, M-value: 24 dB, L-value: 22 dB

**Lamella Shape with Filter Effect****ER-20 mini****86559**

SNR: 18 dB, H-value: 17 dB, M-value: 16 dB, L-value: 14 dB

ER-20 maxi**86410**

SNR: 18 dB, H-value: 17 dB, M-value: 16 dB, L-value: 14 dB



PartyPlug®, 1 pair in plastic box**864141**

Standard hearing protection for a pleasant volume when listening to music.
Transparent filter.

SNR: 17 dB, H-value: 18 dB, M-value: 14 dB, L-value: 12 dB

**FlyFit®**, 1 pair in plastic box**864121**

Standard hearing protection for rest and relaxation on the way!
TNO-tested (yellow filter).

**SleepSoft®**, 1 pair in plastic box**864150**

Standard hearing protection for a pleasant night's rest.
TNO tested (green filter).

**WorkSafe®**, 1 pair in plastic box**864185**

Standard hearing protection against noise at work, during hobby and leisure time and motor sports. Universal use. Red filter.

SNR: 18 dB, H-value: 20 dB, M-value: 15 dB, L-value: 13 dB

**SwimSafe®**, 1 pair in plastic box**864130**

Splash protection. Protects ears against water.
TNO tested (light-blue filter).

**NEW – Pluggies kids®**, 1 pair in plastic box**864160**

Hearing protection for kids against noise, pressure fluctuations on an air-plane and water splashes.
TNO-tested (light-blue filter).

SNR: 19 dB, H-value: 20 dB, M-value: 16 dB, L-value: 14 dB



Ear Planes for Children, 1 pair
Protection against air pressure fluctuations.

86416

Ear Planes for Adults, 1 pair
Protection against air pressure fluctuations.

86415



Lamella Shape, Closed

whisper+ with Connecting Cord and Box, 1 pair

86578

SNR: 27 dB, H-value: 27 dB, M-value: 24 dB, L-value: 22 dB



AquaFit for Children, red, 1 pair
Splash protection

86406

AquaFit for Adults, beige, 1 pair
Splash protection

86408



Bow-Type Noise Protection

x-cap

86580

A flyweight with only 8 g. The oval-shaped soft foam earplugs guarantee a comfortable fit.

SNR: 24 dB, H-value: 27 dB, M-value: 19 dB, L-value: 18 dB



ReFlex

86480

Flexible to wear due to joint; wear it under chin, over head or behind head, conical, soft foam plugs; high attenuation effect.

SNR: 27 dB, H-value: 30 dB, M-value: 23 dB, L-value: 22 dB



Noise category H = high-frequency noise, Noise category M = medium-frequency noise, Noise category L = low-frequency noise

Ear Muffs**KID**

Small model for children up to 7 years, lightweight, high wearing comfort due to cushioned headband.

neon green

neon pink

864830

864831

SNR: 26 dB, H-value: 33 dB, M-value: 23 dB, L-value: 14 dB

**5000 C, blue**

86486

Favorably priced, lightweight, high wearing comfort due to cushioned headband; very comfortable to wear; protects against high noise levels.

SNR: 27 dB, H-value: 31 dB, M-value: 25 dB, L-value: 17 dB

**x Ear Muffs**

86581

Foldable and lightweight, high wearing comfort when worn for extended periods; despite small capsules, it offers optimum protection against extremely high noise levels.

SNR: 36 dB, H-value: 38 dB, M-value: 34 dB, L-value: 26 dB

**SportTac – active ear muffs, green/orange**

86487

Active, electronic ear muffs for sports shooters; automatically reacts to impulse noises; adjustable noise level, automatic cut-off.

Power supply: 2 AAA batteries (included)

SNR: 26 dB, H-value: 29 dB, M-value: 23 dB, L-value: 16 dB



Tactical XP – active ear muffs**864870**

Active, electronic ear muffs for work in high noise levels; automatic protection mechanism; adjustable noise level, automatic cut-off.

Power supply: 2 AAA batteries (included)

SNR: 31 dB, H-value: 32 dB, M-value: 29 dB, L-value: 20 dB

**Assortments****Standard Hearing Protection****864500**

Assortment of 15 different products

Contents:

- 1 x Classic SOFT, 5 pairs in pocket dispenser (REF 86565)
- 1 x Classic SOFT, 1 pair in pocket pack (REF 86581)
- 1 x x-fit, 1 pair in PE pouch (REF 86570)
- 1 x Earplug Quiet (REF 86413)
- 1 x Aquafit for adults (REF 86408)
- 1 x Aquafit for children (REF 86406)
- 1 x Ear Planes for adults (REF 86415)
- 1 x Ear Planes for children (REF 86416)
- 1 x Pluggies kids (REF 864160)
- 1 x ER-20 mini, 1 pair (REF 86559)
- 1 x ER-20 maxi, 1 pair (REF 86410)
- 1 x PartyPlug (REF 864141)
- 1 x x-cap bow-type noise protection (REF 86580)
- 1 x ReFlex bow-type noise protection (REF 86480)
- 1 x 5000 C ear muffs (REF 86486)

**Lamella-Shaped Hearing Protection****864110**

Assortment of 48 pairs incl. display

Contents:

- 1 high-quality counter display for 18 boxes (REF 864112)
- 8 x WorkSafe, 1 pair in plastic box (REF 864185)
- 8 x PartyPlug, 1 pair in plastic box (REF 864141)
- 8 x FlyFit, 1 pair in plastic box (REF 864121)
- 8 x SwimSafe, 1 pair in plastic box (REF 864130)
- 8 x SleepSoft, 1 pair in plastic box (REF 864150)
- 8 x Pluggies kids, 1 pair in plastic box (REF 864160)

Counter Display, empty**864112****ER-20 mini + maxi****86549**

Assortment containing 10 pairs mini, 10 pairs maxi.





Accessories for Hearing Protection

Everything from spare attenuation elements to beach saves: Useful and practical accessories for your customers pertaining to hearing protection. A selection that will distinguish you as a competent system supplier.

egger ePRO-Meter**796785**

Measuring system for performing functional testing on egger hearing protectors

According to the PPE Guideline 89/686/EEC, manufacturers and sales partners of hearing protectors may only commercialize products with an adequate protective effect. In order to ensure that the protective effect of hearing protection is adequate, the latest edition of Germany's national rules and standards "Technische Regeln zur Lärm- und Vibrationsschutzverordnung (TRLV Lärm)" (engl. "Technical regulations of the noise and vibration protection ordinance (TRLV Noise)") requires functional testing when dispensing customized hearing protection and thereafter at intervals of 2 years. In this way, the performance of functional testing is an inherent part of dispensing hearing protectors.

The egger hearing protection test is one possible functional testing method. It serves to determine the attenuation value in dB(A) and the derived efficacy of the hearing protection worn in the ear. With the collaboration of the person wearing the hearing protection, the results are determined using sound-insulated over-the-ear headphones and the "ePRO-Meter" measuring system, which has been especially developed for this purpose. A pulsating third (interval) tone noise at a frequency of 500 Hz serves as the test signal. In order to determine an extended measurement result, a pulsating 250 Hz test signal is also available.

- Mobile – usable anywhere, e. g. in combination with netbooks
- Practical – takes up little room, light
- Fast and easy – result is accessible in only 5 minutes
- Documentable – result will be generated in PDF format
- Individual – inserting your logo is possible
- Favorable pricing – little investment, maximum benefit

Scope of delivery for ePRO-Meter:**USB stick with installation software****over-the-ear headphones****external USB sound card****90 Cedis Cleansing wipes**System requirements:

IBM or IBM compatible PC with the following features:

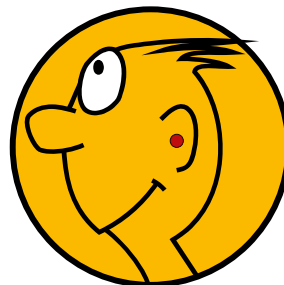
Pentium processor > 2.6 GHz

RAM > 1024 MB

VGA graphics card (800 x 600 resolution)

USB port

from Windows XP Service Pack 3 or later

**Functional Testing**

Sound Level Meter Type 5055**86489**

egger Storage Bag, black
 With print "egger-gehoerschutz.com"

19923

Storage Bag, black
 On request labeled with your logo.
 We will be happy to assist you.

19924

egger Inserting Bag, small
 With print "egger-gehoerschutz.com"

198820

Inserting Bag, small
 On request labeled with your logo.
 We will be happy to assist you.

19882

Aluminum Box

86439



Beach Safe

blue
red
yellow
white

99930
999301
999303
999304



Textile Connecting Cord

for ER-20 mini/maxi
for soft hearing protectors with collar clip

86411
864999



Rubber Connecting Cord

for hearing protector, 80 cm

864940

Set of rubber connecting cord with cord stopper egger "e" (round),
red and blue, incl. collar clip

864949



Cord Stopper for Rubber Connecting Cord, egger "e" (round)

red
blue

864947
864948


Sealing Plug for Additional Canal of the Hearing Protector ePRO-X

egger "e", rod-shaped
blue
red

864951
864952



egger "e", pin-shaped
blue
red

19764
19765


Wax Pin "egger", blue

19858


Universal Collar/ Cabel Clip for hearing protection and earmolds

19868


Dispenser "one 2 click", empty

865710



Spare Parts

NEW – Eartips for Etymotic Research Earphones

Spare Eartip 3-flange, standard, 5 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15
Color: grey-transparent

865601



Spare Eartip 3-flange, large, 5 pairs
for series ER4 / hf
Color: grey

865602



Spare Eartip 3-flange, large, 5 pairs
for series mc / EK
Color: transparent

865603



Spare Eartip, foam, 5 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15

865604



Spare Eartip, glider, 3 pairs
for series ER4 / hf / mc / EK / etyBLU2 / GSP1 / HD 15

865605



NEW – Wax Filters for Etymotic Research Earphones

ACCU•Filter (wax filter)

green, 6 pieces
for series ER4 / hf / GSP1 / HD 15

865606

grey, 6 pieces
for etyBLU2

865607

white, 6 pieces
for series mc

865608



x-cap Spare Plugs

1 pair
5 pairs

865801
865805



Spare Plug, conical for ReFlex, 1 pair

86482



Hygiene Kit for uvex x Ear Muffs

1 pair of replacement ear cushions

865811



Metal Detector Ball, diameter 2.5 mm

19869

Did you know?

By law, hearing aid products used in the sectors of food, cosmetics and pharmaceuticals must be detectable. This means that if lost, they can be recovered quickly and easily. For this purpose, employees in such workplaces or production halls use so-called metal and optical detection devices to be able to detect contaminated products rapidly, so they can be discarded. To this end, hearing aid earmolds that are used in these sectors are equipped with a metal ball. In addition, the earmold can also be produced in a vivid color.



Custom-Made Spare Earmolds

ePRO-X, Spare Earmold with Handle (includes sealing plug)
ePRO-X, Spare Earmold without Handle (includes sealing plug)
ePRO-ER, Spare Earmold
ALPINE F hard, Spare Earmold

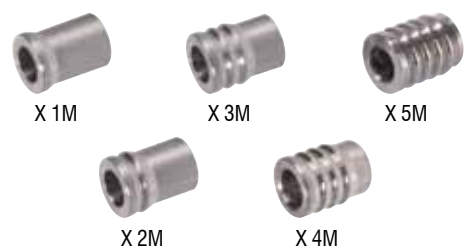
15350
15355
15720
15520



ePRO-X Attenuation Elements

X 1M Spare Attenuation Element, 1 piece
X 2M Spare Attenuation Element, 1 piece
X 3M Spare Attenuation Element, 1 piece
X 4M Spare Attenuation Element, 1 piece
X 5M Spare Attenuation Element, 1 piece

19821
19822
19823
19824
19825



Spare Attenuation Elements for Hearing Protection

Spare Attenuation Elements ER 9

blue, 1 piece	19776
red, 1 piece	19777
beige, 1 piece	19896
transparent, 1 piece	19871

Spare Attenuation Elements ER 15

blue, 1 piece	19876
red, 1 piece	19877
beige, 1 piece	19778
transparent, 1 piece	19779



Spare Attenuation Elements ER 25

blue, 1 piece	19884
red, 1 piece	19885
beige, 1 piece	19783
transparent, 1 piece	19879

Spare Attenuation Element ER stop

closed, 1 piece	19791
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ALPINE, hard

F7 green, 1 piece	19912
F8 red, 1 piece	19908
F10 white, 1 piece	19910



Sound Tube Adapter for ER Earmold, 1 piece

197910



Recommended Cedis Care Products

Cedis Cleansing Spray and Foam

Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute. Propellant-free.

NEW – Cleansing Spray mini, 8 ml, with microfiber cloth 86749

NEW – Cleansing Foam, 50 ml 86780



Cedis Cleansing Wipes

Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute

NEW – Double Box with 40 moist and 40 dry wipes 87269



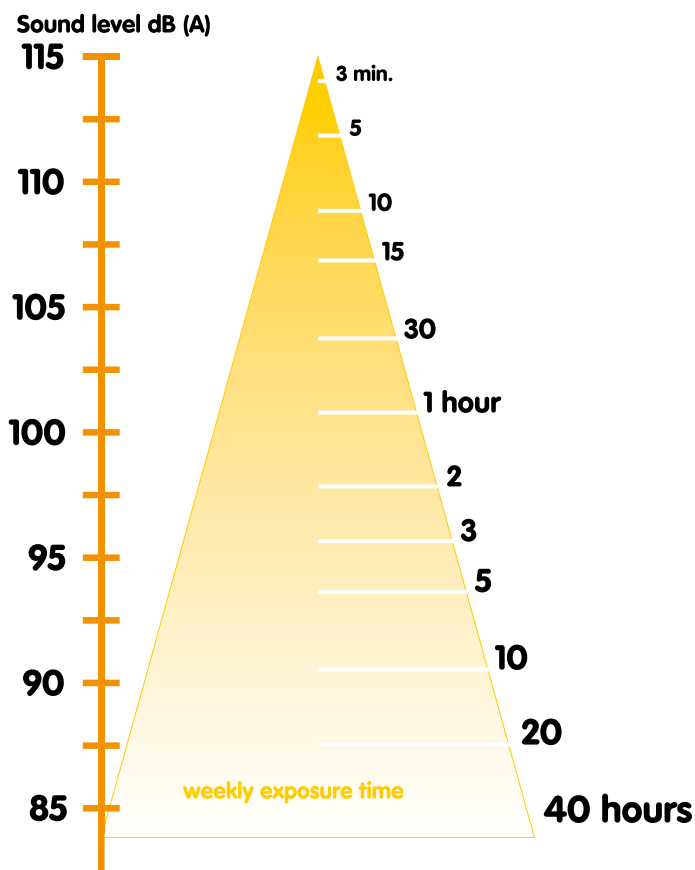
The European “Noise at Work” Directive – A Great Challenge

From March 2007 new limit values regarding the daily noise exposure levels have come into force. The Directive mandates the wearing of hearing protection at the workplace. Different to the former Directive, the values of some sectors will be tightened. On the one hand because the exposure limit values have been reduced by 5 dB (A) and on the other hand because of new demands on the appraisal of risks. Where noise exposure exceeds the lower exposure action value of 80 dB (A) (up to now 85 dB (A)), the employer must make individual hearing protectors available to workers. Where noise exposure matches or exceeds the upper exposure action value of 85 dB (A) (up to now 90 dB (A)), individual hearing protectors must be used. This applies to the industry and craft sectors and professional musicians. Many companies must newly introduce or improve the wearing of hearing protection. The hearing protection earmold is often the right and in the long run the economical solution. This is an access for the active hearing aid acoustician to a new lucrative business sector. There is a need. The responsible persons in the companies depend on advice and support.

We will provide you with the necessary information on how to proceed professionally. Please contact us.

Phone: +49 831 5811390




www.egger-labor.com



Hearing can suffer damage starting at a decibel intake of 85 decibel over a time period of 40 hours a week. At a volume of 95 decibel the time span of a safe noise level per week is reduced to a mere 4 hours.

Laboratory Technique

Everything you need for the earmold production. So you can economically manufacture high-quality products. From full-range equipment for various manufacturing techniques over modular laboratory furniture to reliable material for your daily operation – here you will find everything from a one source supplier. Moreover, we offer an extensive care program and product presentation materials.

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Hearing Aid Accessories / Service and Repairs	92 - 105
Tubes, Elbows and Accessories	106 - 111
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Preparing the Impression / Manufacturing of Negative Molds	122 - 135
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Care Products

Cedis is the brand for egger's comprehensive care program. *Cedis* cleans and protects hearing aids, strengthens customer relations and generates continuous economic growth. Let the *Cedis* quality boost your business success. Includes our customer loyalty program and satisfaction guarantee.

Cedis® ... the Brand-Care for Hearing Systems

Effective through systematic set-up

It is nice to have a perfectly matching product for every customer's request. *Cedis* means systematic care.

This strengthens your advisory competence, creates customer satisfaction, increases your company success.

Cedis – the comprehensive care solution for every hearing system.

One brand – many advantages

Established:

The international brand for professional care for over 25 years.

Comprehensive:

The right care for every target group: Special offers, care sets, products for professionals.

Trusted:

User-friendly from experience. Successful through sophisticated products.

***Cedis* Classic**

The brand name for the care of hearing systems. Established through more than 25 years of experience.

Everything for cleaning, drying, maintaining

Everything you need

Everything from one source



***Cedis* Kids**

The *Cedis* range with the Cedilino mouse – especially designed for kids.

Cedilino shows our youngest visually and in a way most suitable for kids how to care for their hearing aids. Care with fun!



Your advantages:

Single or XXL

You order what you need. According to your demand and independent of minimum order quantities.
Starting with 25 pieces you profit from our sliding-scale prices.

Cedis Satisfaction Guarantee

Demonstrate your confidence in the product with the *Cedis* Satisfaction Guarantee. This means: *Cedis* products can be returned within 3 months. Also when opened. Also when not satisfied. We will take the product back or exchange it free of charge.



Cedis – Constancy pays off

You order care products out of our *Cedis* range.

We credit you loyalty points – automatically with every order.

You decide, when you want to trade them in and for what.

The number of points that will be credited to your account is listed next to every product.



With 500 points, you can trade in your points for any product from our *Cedis* range or the whole egger product range. Just inform us when you want to trade them in.

Our offer: Care for every level

For starting:

Care kits

Cleansing and Care kits are the ideal starters for a lasting customer relationship. They complete your service for an extensive hearing consultation. The kits are multifunctional and can be adjusted to different target groups.

For lasting customer relations

Refill products

With your care program you create lasting customer relations. Enlarge your range with refill products for the successive demand. Profit from a regular additional business.

Spontaneous and flexible

Products for traveling and special offers

For fast care on vacation or in transit, or as give-aways for your special offers. We offer products in special kits.

For ultimate perfection

Products for professionals

Distinguish yourself as an innovative shop, with exceptional care products. Offer that special something. Doing so improves your image as a competent specialist – not only in sales.

Cedis [my.name]

Your name as a brand: with *Cedis* [my.name]

Indicate your logo and company name on the whole care product range.

We make it possible. Creative, fast, easy (details from page 66).



Cedis SanDry 3in1

Drying, Cleaning with UV-C Light and Safe Keeping

The new generation of devices is a sensible completion to the *Cedis* cleansing products: For gentle drying, hygienic certainty and safe keeping of hearing systems. SanDry – it's easy to operate and easy to clean.

Cedis SanDry Premium

- compact sanitization chamber for drying, cleaning with UV-C light and safe keeping
- operable via power supply unit + USB hook-up to computer (cable is included in delivery)
- electric heater for drying process
- selectable time program for drying process – depending on moisture build-up or humidity: 3 hours (regular) or 6 hours (intensive)
- automatic switch-off after drying process
- overheating protection
- 5-minute UV-C cleansing process
- disinfectant *Cedis* cleansing product (included)
- lid with magnetic lock
- long-life light source
- tension: 5 V power supply unit (100 to 240 V) or via USB-/mini USB cable on the computer (cable included in delivery)

87495

**Cedis SanDry Eco**

The ideal device when traveling

- compact sanitization chamber for drying, cleaning with UV-C light and safe keeping
- battery-powered – no power supply unit needed (3x LR03/AAA – included in delivery)
- drying achieved with *Cedis* drying capsules (4 pieces included in delivery)
- 5-minute UV-C cleansing process
- safety shut-off of UV-C light when device is opened
- disinfectant *Cedis* cleansing product (included)
- lid with magnetic lock

87490

**Cedis Dry Case for Hearing Systems, 12 V**

Drying and storing all in one! Electrical dry case – now with time control and automatic switch-off in power supply! For the fast and comfortable drying and storing of hearing aids and earmolds. Regular use contributes substantially to expanding the life expectancy of hearing aids – we recommend 3 hours per use. Maximum temperature of 50 °C (122 °F). Low electricity consumption of 1 W. With light-emitting diode during the drying process. Dry case is operated with a power supply unit (12 V) which is included. Can be used with mains voltage from 100 V up to 240 V!

Decoration not included.

87460



With time control and automatic switch-off

Adapter Plug Set (US, UK, Australia)**874550**

For the power supply with time control for dry case / drying cushion ETK 3.
A must-have when traveling.

Power supply unit not included.

**Cedis Drying Cushion ETK 3, 12 V****87485**

Electrical drying cushion for the fast and convenient drying of all types of hearing aids and earmolds. Now with time control and automatic switch-off in power supply. The built-in heated loop ensures a constant and effective drying temperature. Regular use contributes substantially to expanding the life expectancy of hearing aids – we recommend 3 hours per use. Incl. temperature control. The cloth cover is removable and washable at 30 °C (86 °F). Can be used with mains voltage from 100 V up to 240 V!

Decoration not included.



With time control and automatic switch-off

Cedis Cleansing and Drying Set for Slim Tubes and Open Fit Hearing Aids

Open fit hearing aids require special cleansing and drying products.
To this end, *Cedis* also offers the best solution:

The comprehensive care set, packed in an attractive transparent bag, for the cleaning and drying of open fit hearing aids. Suitable for all kinds of established slim tubes!

Standard**87416**

With the OtoFloss special cleansing threads your slim tubes will be dried effectively. Before this step, the cleansing tablets with active oxygen will provide an optimum cleaning. Drying capsules (with color indicator) and the drying container for the drying of hearing aids complete the set.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 10 OtoFloss mini special cleansing threads for slim tubes with $\varnothing \leq 0.9$ mm, 4 drying capsules, 1 drying container

Also available as premium version!



Cleaning of open fittings made easy

Premium**87417**

The *Cedis* Care Set Premium with Dry Case:

In addition to the *Cedis* cleansing products, this set also contains the electrical dry case for the comfortable drying and storing of BTE hearing aids with slim tubes.

Contents: 1 *Cedis* dry case with power supply, 8 cleansing tablets, 1 cleansing container with sieve, 100 OtoFloss special cleansing threads for slim tubes with $\varnothing \leq 0.9$ mm



Cedis Cleansing Set for BTE Earmolds

The bestseller providing the basic equipment for the cleaning of BTE earmolds! This cleansing set guarantees an optimum cleaning, using the special cleansing tablets with active oxygen. The air blower (with metal tip) cleans the sound tube effectively.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower

87000**Cedis Cleansing Set for BTE Earmolds in Travel Bag**

(see page 60)

87001**Cedis Kids Cleansing Set for BTE Earmolds**

Designed for kids! With the well-known Cedilino mouse.

**87210**

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower

**Cedis Cleansing and Drying Set for BTE Earmolds and Hearing Aids**

The all-rounder for cleaning BTE earmolds and drying hearing systems! Composition same as BTE cleansing set plus drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower, 4 drying capsules, 1 drying container

87400**Cedis Cleansing and Drying Set for BTE earmolds and Hearing Aids in Travel Bag**

(see page 60)

87401**Cedis Kids Cleansing and Drying Set for BTE Hearing Aids and Earmolds**

Designed for kids! With the well-known Cedilino mouse.

**87211**

Contents: 8 cleansing tablets, 1 cleansing container with sieve, 1 air blower, 4 drying capsules, 1 drying container



Cedis Care Bag**87199**

The *Cedis* care bag for the complete care of BTE hearing systems at a favorable price. High-quality travel bag equipped with *Cedis* cleansing products for BTE earmolds, with electrical dry case and *Cedis* skin care gel.

Contents:

- 8 cleansing tablets,
- 1 cleansing container with sieve,
- 1 AirPower spray with 35 ml,
- 1 *Cedis* electrical dry case with power supply,
- 5 *Cedis* single wipes,
- 1 *Cedis* gel

Decoration not included.



Including dry case with time control and automatic switch-off

Cedis Kids Cedilino Bag**87239**

Designed for kids! With the well-known Cedilino mouse.

The Cedilino care bag at a favorable price for the perfect care of hearing systems – including a Diddl Mouse Magic Towel! The high-quality travel bag is equipped with *Cedis* Kids cleansing products for BTE earmolds, the *Cedis* Kids drying system, a battery tester and the listening tube for hearing systems.

Contents:

- 1 *Cedis* Kids cleansing container, 8 cleansing tablets, 1 air blower, 1 *Cedis* Kids drying container, 4 drying capsules, 1 battery tester, 1 listening tube for hearing systems, 1 user instruction, 1 Diddl Magic Towel

**Cedis Cleansing and Drying Set for ITE with Spray****87002**

The complete set for the cleaning and drying of ITE hearing systems!

Set with disinfectant cleansing spray with brush for a great cleaning even with persistent deposits. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

- Contents: 1 cleansing spray (30 ml) with brush, 4 drying capsules, 1 drying container

**Cedis Cleansing and Drying Set for ITE with Spray in a Travel Bag****87003**

Cedis Cleansing and Drying Set for ITE with Wipe

The all-in-one set for the cleaning and drying of ITE hearing systems! The set contains disinfectant cleansing wipes in a practical pocket dispenser for fast and handy cleaning. Includes drying capsules (with color indicator) and drying container for the reliable drying of hearing systems over night.

Contents:

1 wipe dispenser (25 wipes), 4 drying capsules, 1 drying container

Cedis Cleansing and Drying Set for ITE with Wipe in Travel Bag**87004****87007****Cedis Travel Bag, black**

Practical bag, made of high-quality material, with zipper for filling with hygiene products of your choice. The robust bag is also a practical companion when traveling. We are pleased to assemble the travel bags for you starting at a minimum order quantity of 100 bags.

Travelbag, black (neutral)**87198**

Sample

870220

Travel bags with hygiene products of your choice

Cedis Drying Capsules

The established drying capsules (with color indicator) for the reliable and optimum drying of hearing systems over night.

Box with 4 Drying Capsules**Cedis Kids**

Designed for kids! With the well-known Cedilino mouse.

**Box with 4 Drying Capsules****87300****87309**

And don't forget our matching and handy drying container:

Cedis Drying Container, 125 ml

For the drying of hearing aids with drying capsules.

87305**Cedis Kids Drying Container, 125 ml**

Designed for kids! With the well-known Cedilino mouse.

**80255**

Cedis Drying Bag

The handy alternative to the drying container, e. g. when traveling!
Foldable drying bag with hook tape fastener. For use with drying capsules.

small, 150 mm x 110 mm

80211



large, 315 mm x 110 mm

also suitable for the drying of hearing-aid glasses

80210

**Cedis Cleansing Tablets**

Cleans reliably and removes persistent cerumen deposits from BTE earmolds. With active oxygen.

Box with 20 tablets

87100



Economy Pack with 30 tablets in vial

87130

**Cedis Kids Cleansing Tablets**

Designed for kids! With the well-known Cedilino mouse.



87140



Box with 20 tablets



And don't forget our matching and handy cleansing container with sieve:

Cedis Cleansing Container, 150 ml

For cleaning BTE earmolds with *Cedis* cleansing tablets. Sieve with integrated removal help!

80200



Container, incl. sieve and lid

Cedis Kids Cleansing Container, 150 ml

Designed for kids! With the well-known Cedilino mouse.



80250



Container, incl. sieve and lid



Cedis Cleansing Wipes

Moist wipes for quickly and effectively cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute

For retail sales:

Pocket Dispenser with 25 moist wipes

86801



Refill Pack for pocket dispenser (25 wipes)

86804



Single Wipes, 25 pieces

86802



For retail sales and sales campaigns:

Box with 1000 single Cedis cleansing wipes

86805



For our practical sales counter display please see page 120.

For use in the laboratory and shop:

NEW – Double Box with 40 moist and 40 dry wipes

87269



Large Dispenser with 90 moist wipes

87200



NEW – Refill pack, 90 pieces

87204

**Cedis Cleansing Spray and Foam**

Ready-made for cleaning and disinfecting (bactericidal, fungicidal and hepatovirucidal effect) hearing aids and earmolds.

Reaction time: 1 minute. Propellant-free.

For retail sales:

NEW – Cleansing Spray mini, 8 ml, with microfiber cloth

86749



Cleansing Spray with Brush, 30 ml

86701



Cleansing Spray with Atomizer, 30 ml

86704



Cleansing Spray Refill Bottle, 30 ml

86703



NEW – Cleansing Foam, 50 ml

86780



For use in the laboratory and shop:

Cleansing Spray with Atomizer, 100 ml

86700



Cleansing Spray with Hand Spray Pump, 1 l

86770



Cedis OtoFloss

Special cleansing threads for sound tubes with different inner diameters, ideal for open fit hearing aids.

OtoFloss for inner diameter > 0.9 mm
Dispenser box with 30 threads

78030



OtoFloss mini for inner diameter ≤ 0.9 mm

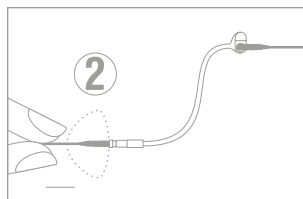
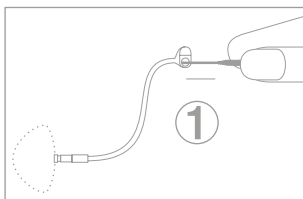
Dispenser Box with 100 pieces

78036



Bag with 10 pieces

78039



Care for open fit hearing aids now also available as small package

Cedis MultiTool

Special tool with magnet for easy removal of batteries. The integrated brush and synthetic thread are ideal for removing persistent deposits in slim tubes.

Transparent pillow pack with 5 MultiTools

78041**Cedis VentBrush**

Special brushes to clean sound canals and vents. Available in 2 different diameters.

Contents: 10 pieces

Ø 2.5 mm

78025

Ø 5.0 mm

78026**Cedis Air Blower**, blue with chrome-plated metal tip

Ergonomically shaped air blower with very slim chrome-plated metal tip for blowing out sound tubes and vents.

82400**Cedis AirPower**

The comfortable alternative to the air blower! Air spray to blow out sound canal bores and ventings. With conical tip for easy handling.

Spray, 35 ml (for approx. 50 applications)

82551

Box with 12 sprays

82554

Spray, 100 ml (for approx. 150 applications)

82550

Box with 12 sprays

82552

Cedis Gel

Skin care gel with feel-good effect! The gel with Aloe Vera to prevent irritations. The gel is absorbed by the skin and eases insertion of the earmold. For best wearing comfort, use the gel before and after wearing the hearing system.

Tube with 5 ml

31880



Sales Display with 30 tubes

31883

**Cedis Promotion Assistance**

In order to support your sales activities, we can supply you with free information brochures for your customers.

Just ask for them!



Further presentation products from page 112

***Cedis* [my.name]**

Your name as a brand – with your own care range

Brands create confidence and stand for individuality.

Use your good name as a brand name. We make it possible.

You act as competent system supplier.

You distinguish yourself from others.

With an own custom-made care range, that offers everything your customer needs.

With *Cedis* [my.name] you create confidence and lasting customer relations.

Attractive

Attract your customers' attention with your own design with *Cedis* [my.name] and thus create a profitable additional business.

Individual

Your name as a brand – create your own reliable brand.

Flexible

Order the products according to your demand, with a minimum order quantity of only 50 pieces, with short handling time.

***Cedis* [my.name] Eco:**

The favorably-priced starting program

Minimum order quantity: 50 pieces

Ideal for testing new products

No contractual commitments

No additional charges, but with sliding-scale prices

Attractive design

Packaging with basic information (contents, CE, etc.) in four languages:

German, English, French, Spanish

Including satisfaction guarantee

And this is how it works:

- Select products
- Select design
- Define color
- Send your logo to us

... and there it is: your professional care program with your own name.

For your individual order form, please contact us under: +49 831 5811360



Cedis [my.name] Standard:

For customers with an existing care program

You are already successfully selling care products on the market.

You require individual products, adjusted to your company appearance.

You want high quality with flexibility.

Our offer: **Cedis [my.name] Standard**

- Custom-made boxes from 250 pieces
- No contractual commitments
- Stickers on or inlays in neutral boxes with personalized design

Please ask for your individual offer under: +49 831 5811360

**Cedis [my.name] Premium:**

(Nearly) everything is possible.

You need care products in large numbers.

You want a personalized design, adjusted to existing products.

You wish to offer a different box size.

You intend to amplify your product range with products besides standard.

Our offer: **Cedis [my.name] Premium**

- Available with 1000 pieces
- Boxes are printed directly in all desired languages
- Free storing of products and packaging
- We will help you with the design

For detailed information, please contact us under: +49 831 5811360





Hygiene and Safety at the Workplace

Cedis Profi for professional hygiene management at the workplace. For the demanding hearing aid acoustician quality is the highest priority. Directly linked to this is hygiene at the highest level. A clean, healthy, germ-free work method is therefore of central importance of today's quality management. Protect yourself and your customer.

Hygiene – A Must

The risk of contracting dangerous or simply uncomfortable pathogens is increasing, especially for people working in medical or medical-related professions. Hearing aid acousticians are among these groups.

The only effective aid against this is professional hygiene, i. e.:

Infection prevention. Thus it is necessary to be able to recognize and correctly assess the dangers of infection.

Efficient prevention is subsequently guaranteed by adhering to

- organizational measures,
- cleaning,
- disinfecting.

Cedis Profi products offer a comprehensive and professional disinfection and hygiene program for the entire spectrum of hearing aid acoustics.

PREVENTIVE – EFFECTIVE – SAFE

Preparations for Cleaning Hands and Skin

Clean hands are a must for every hearing aid acoustician. Only then a customer will feel comfortable. Only then a transfer of germs can be safely avoided.

Consequent hand hygiene includes:

- removal of all relevant pathogenic germs,
- an optimal skin-compatible cleaning,
- regular care.



Preparations for Disinfecting Tools, Instruments and Earmolds

Regularly disinfecting and cleaning all tools, instruments and earmolds used in daily operation is essential. Objects contaminated by dirt, body fat and pathogenic germs may lead at worst to the transfer of dangerous micro-organisms. The consequent use of highly effective preparations protects you and your customer.











Preparations for Disinfecting Surfaces

All surfaces of your working environment must be disinfected and cleaned regularly. Only then a germ transfer from the work environment to instruments and ultimately to people can be avoided. Only consequent hygiene in all areas provides comprehensive protection.



Professional Systematic Hygiene

Hygiene is not reserved for only a special few. All employees must make sure that the entire working environment is kept clean. Our hygiene plan provides clarity about the necessary steps. The plan (size: DIN A3) includes a summary of the different applications and suitable products, free of charge and for hanging in your shop.

What	When	How	Product / Dosage / Exposure Time
Hands 	before/after each customer or hearing aid contact when necessary / after finishing work	Removing of relevant pathogenic germs by rubbing with antimicrobial gel. Also for use without water and towel. Rub in for skin care.	<i>Cedis Profi ANTISEPT</i> Rub 3 ml for 30 seconds <i>Cedis Profi CARE</i>
Hearing Aid 	before/after each service	Spray with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis</i> cleansing spray 1 minute exposure time <i>Cedis</i> cleansing wipes 1 minute exposure time
Earmold 	before/after each service	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis Profi UltraActiv</i> 7.5 % / 1 minute exposure time
Impression 	after impression taking	Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis</i> cleansing wipes 1 minute exposure time
Tools / Medical Instruments 	after each application	Spray with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time. Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis</i> cleansing spray 1 minute exposure time <i>Cedis</i> cleansing wipes 1 minute exposure time <i>Cedis Profi UltraActiv</i> 7.5 % / 1 minute exposure time
Workplace / Medical Devices 	on visible contamination / after finishing work	Wipe with cleansing disinfectant, dry off after exposure time.	<i>Cedis Profi SURFACE</i> 5 minutes exposure time
Earphones 	after each application	Wipe with cleansing disinfectant, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis</i> cleansing wipes 1 minute exposure time
Otoscope Funnel 	after each application	Disinfecting or cleaning in the immersion- or ultrasonic bath, then dry thoroughly with a moisture absorbing cloth after exposure time.	<i>Cedis Profi UltraActiv</i> 7.5 % / 1 minute exposure time

With the egger hygiene plan you will find everything you need to know at a glance:

- What do I need to do?
- Which product do I need to use?
- How do I use it?

The products are easy to use due to a perfectly matching system.

Cedis Profi offers

- everything from one source,
- sliding-scale prices,
- favorably-priced starter sets.

Examined and tested. For your safety.

Cedis Profi UVC Clean

86256

For a clean and healthy work procedure in the acoustician shop

A professional device for quick and thorough cleansing of hearing systems and earmolds by using UV-C light. In completion to the ultrasonic device, the *Cedis Profi UVC Clean* offers optimum protection against germs. The device comes with an appealing design and is easy to operate. The use of aggressive chemicals is not necessary.

Thanks to the metalized interior, the UV-C light will penetrate even hard-to-reach areas. The greatest possible effectiveness is achieved after only a few minutes following radiation. The operating time can be pre-set to either 3 or 5 minutes. After the cycle is complete, the device will shut off automatically.

Cleaning the device's interior is completely simple: Wipe clean daily with merely a *Cedis* cleansing wipe (disinfecting).



Cedis Profi ANTISEPT

Gel for sanitizing hands. Effective against bacteria and fungi. Mild, alcohol-based gel with fast reaction time (30 sec.) No water or towel needed.

500 ml Bottle with Portioning Pump (3 ml/stroke)

86206

Cedis Profi ANTISEPT Wall Dispenser

862062

Practical, wall-mounted dispenser with refillable, 250 ml glass container (gel not included) for *Cedis Profi ANTISEPT*. Pump stroke adjustable from 1–5 ml.

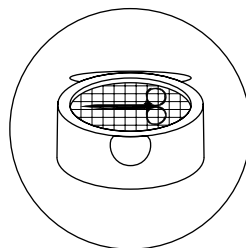
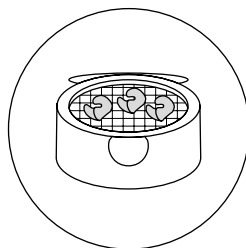
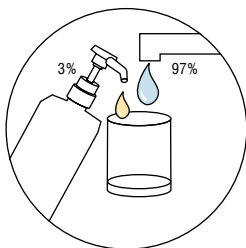
500 ml Refill Bottle

862061


Cedis Profi UltraActiv

Concentrate for disinfecting and cleaning earmolds and instruments, free of phenol and aldehyde, effective against bacteria, fungi, HBV and HIV viruses. For use in ultrasonic devices. The 7.5% solution is fully effective after a 1-minute reaction time.

500 ml Bottle with Portioning Pump
2 l Bottle

86208
862081


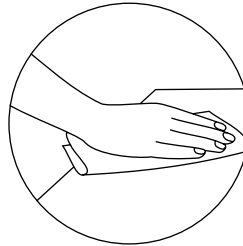
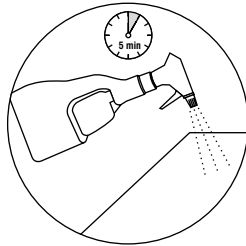
For ultrasonic cleansing devices, please see page 188.

Cedis Profi CARE, 500 ml, bottle with portioning pump

Lotion for the cosmetic hand and skin care. Apply after using *Cedis Profi ANTISEPT*. Lotion absorbs quickly, is non-greasy and smells pleasantly.

86207**Cedis Profi SURFACE**, dosing bottle with 120 ml concentrate

Alcohol-free, long-term active concentrate for disinfecting and cleaning surfaces of medical products, devices and workbenches. With *Cedis Profi SURFACE* you will achieve an antimicrobial clean that lasts up to 10 days! Reaction time: 5 minutes. Effective against bacteria, fungi, viruses, including hepatitis B and C, influenza, H5N1, H1N1, rotavirus and adenovirus. Free of formaldehyde and phenol. Pleasant smell. The special dosing bottle guarantees easy and accurate mixing of the cleansing concentrate with water. Produces 3.75 l ready-to-use cleansing solution.

86209**Cedis Profi Starter Kits**

Be on the safe side from the very beginning! Favorably-priced complete packages of *Cedis Profi* products for a professional hygiene management at work. Including a poster-sized hygiene plan (DIN A3) for displaying in the shop.

Cedis Profi Starter Kit Slim**862502****Contents:**

Cedis Profi ANTISEPT, 500 ml with portioning pump
Cedis Profi CARE, 500 ml with portioning pump
Cedis Profi SURFACE, dosing bottle with 120 ml of concentrate
Cedis Profi UltraActiv, 500 ml with portioning pump
 50 ml glass for ultrasonic device, 10 pieces
 100 ml measuring beaker
 Hygiene plan, DIN A 3

**Cedis Profi Starter Kit Advanced****862512**

Same composition as Starter Kit Slim, yet with practical wall-mounted dispenser for *Cedis Profi ANTISEPT*.



All beginnings are easy

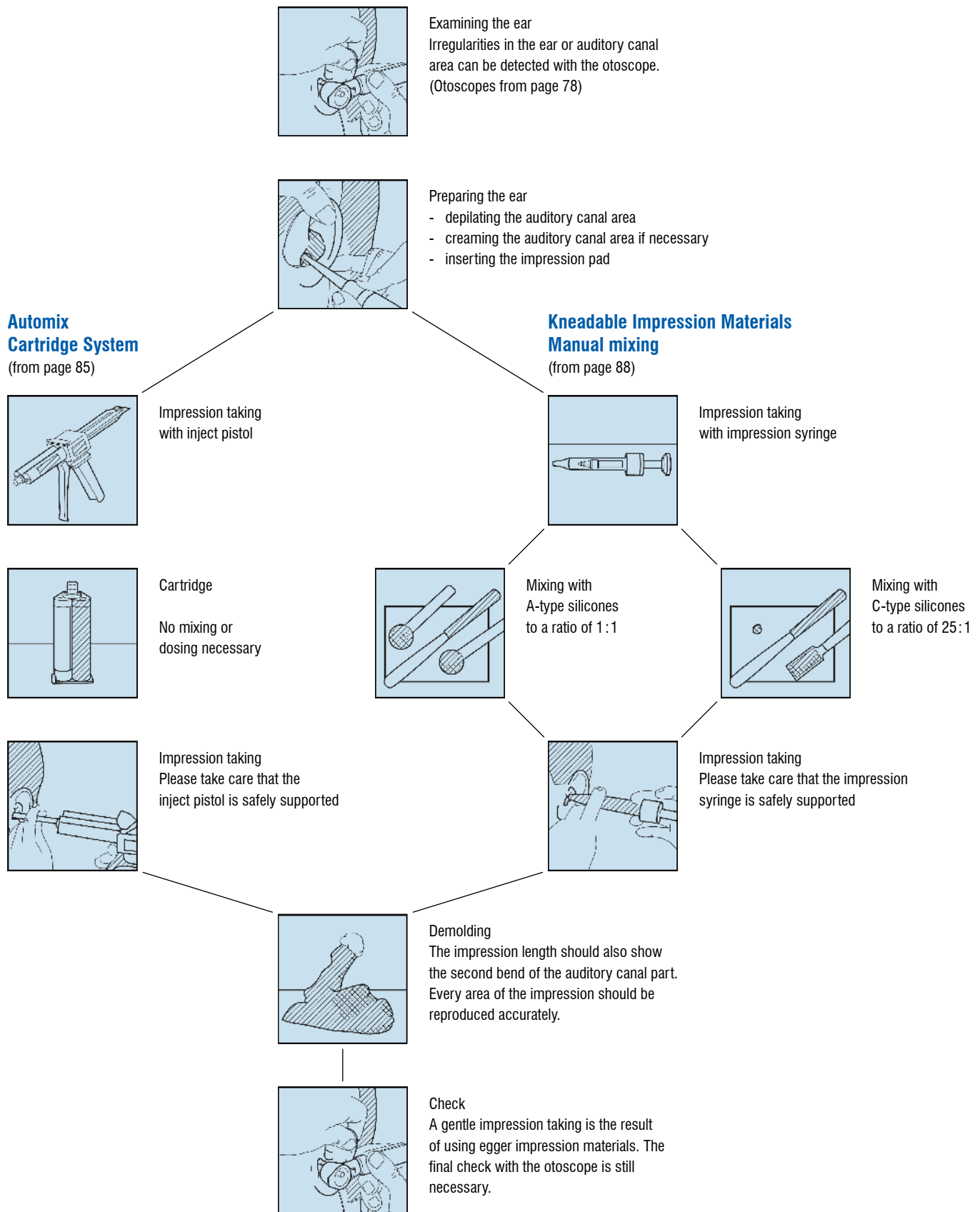


Impression Technique

A precise ear impression is the prerequisite for a perfectly fitting earmold. The higher the quality of the impression material and suitable special tools, the easier, more comfortable and more successful the impression-taking process for the customer. egger impression technique offers all the suitable necessities: the tools, the material. For every step of the process.

Description of Process

The following diagram is to provide an overview of the impression-taking process – the basis for a perfectly designed earmold.



































The egger Impression Materials

Material characteristics, the impression-taking method and, last but not least, personal preferences influence the procedure of impressing an ear. We are pleased to advise and support you in finding an individualized solution for your demands.

Choose the right impression material.

We provide you the opportunities to decide on:

- 1. The type of processing:** - with the impression syringe or the injection pistol
- 2. The dosage:** - addition-vulcanizing egger impression materials with a mixing ratio of 1:1
(kneadable materials only) - condensation-vulcanizing egger impression materials with hardening pastes
- 3. The flowability:** - the lower the viscosity the higher the flowability
- 4. The final degree of hardness:** - the higher the shore value the harder the impression, measured after 1 hour of hardening

Material	Colors	Smoothness Consistency	Flowability low — high	Final degree of hardness in shore A after 1 h	Impression taking with Inject pistol Injector S 50 Electric injector
Addition-vulcanizing (1:1), material in cartridges Impression taking with inject pistol / Injector S 50					
egger A/soft 		soft		35	X
egger A/soft S 50					X
egger A/ITE 		very soft		34	X
egger A/ITE S 50					X
egger A/II S 50  from page 85		normal		40	X
Addition-vulcanizing (1:1), kneadable Impression taking with impression syringe					Impression taking with syringe
egger A 		normal		36	
egger A/I 		very soft		26	
egger A/II  from page 88		soft		40	
Condensation-vulcanizing with hardener, kneadable Impression with impression syringe					Impression taking with syringe
egger C 		normal		40	
egger C/I 		soft		23	
egger C/II  from page 88		very soft		25	

NEW – MD SCOPE® – Experience the Video Otoscope

No matter where this ergonomically designed, hand-held device appears, a glance at the auditory canal will be an experience. The integrated 2.4" LCD screen and low battery consumption make the video otoscope a portable und convenient device to use in the fitting room, service area, during home visits, health exhibitions, etc. With daylight-like illumination of the viewing area, the high-quality miniature camera provides a fascinating view into the auditory canal or onto the eardrum. Thanks to the auto focus, taking high-resolution snapshots is as easy as pressing a button. With an USB Image Dongle (available separately) video recordings and snapshots can be stored directly to a computer.

The otoscope with a removable camera module is equipped with a protective cover for the camera, a starter funnel set, 2 AA batteries for up to 24 hours of continuous operation, a video cable, user instructions, a warranty card and a high-quality carrying bag.

MD SCOPE® Video Otoscope, without USB Dongle
Set MD SCOPE® Video Otoscope, with USB Dongle
USB Image Dongle

26630**26633****26631**

Spare Parts for MD SCOPE® Video Otoscope:

Disposable Funnel, 50 pieces

266320

reddot design award
 winner 2011

Heine Mini 3000 Otoscopes

Robust and durable pocket light of a compact and up-to-date design with a chrome-plated cap. Delivers bright, concentrated light due to a new XHL (Xenon halogen Lenses) lamp. Pivotal viewing window with 3X magnification. Comes with holder clip and integrated on/off button. The high-quality, ergonomically shaped handle casing, made of chrome alloy and enhanced plastic, is characterized by its impact resistance, sturdiness and non-slip surface. Interchangeable dry, AA batteries included.

Comes with 4 reusable funnels (of 2.4 / 3.0 / 4.0 / 5.0 mm) and 5 disposable funnels with a diameter of 2.5 and 4 mm respectively:

black
blue

26602
26603

with Hard Shell Case

black
blue

26606
26607



**Direct illumination
with XHL lamp**



Spot on!

**Spare Parts for Heine Mini Otoscopes
from the Series 2000 and 3000**

for Heine mini 3000

Otoscope Attachment

black
blue

26613
26614

Screw-On Top

black
blue

26615
26616

Spare Bulb XHL Xenon Halogen

26608

for Heine mini 2000 (also available in the colors: blue and green)

Screw-On Top

black

26701

Spare Bulb halogen

27300



Spare parts and accessories:

Spare Bulb 2.5 V halogen for FO-otoscope	27400
Spare Bulb 2.5 V halogen for ear light	26600
Acrylic Tip for ear light	26912



Screw-On Top for rechargeable handle	26618
Spare Rechargeable Battery 2.5 V	27001
Otoscope Attachment Alpha FO	27010

Stand for Heine otoscope/ear light **26625**

Tidy and always at one's fingertips. With included inserts for use with various Heine otoscopes.

Otoscope not included

**Reusable Funnels, black**

Suitable for Heine otoscopes (mini 2000 and 3000) and KaWe otoscopes (Piccolight® C and Piccolight® F.O. LED).

Set incl. 4 funnels with a diameter of 2.4 / 3.0 / 4.0 / 5.0 mm	28000
--	--------------

Singles:

Ø 2.4 mm	28001
Ø 3.0 mm	28002
Ø 4.0 mm	28003
Ø 5.0 mm	28004

**Disposable Funnel, grey**

Suitable for Heine otoscopes (mini 2000 and 3000) and KaWe otoscopes (Piccolight® C and Piccolight® F.O. LED).

Contents: 50 pieces

Ø 2.5 mm	27100
Ø 4.0 mm	27101



Disposable Funnel Dispenser

27102

A new tip for every customer. The right size, visible and easy to take out. Holds 4 rows with 45 pieces each. Every dispenser is equipped with 45 funnels of 2.5 mm and 4.0 mm in diameter respectively.

Dimensions: H 20 x W 14 x D 4 cm



NEW – KaWe Piccolight® C

Robust workmanship. Reliable operation. Unbelievably attractive cost-performance-ratio. Solid features: Pivotal magnifying glass (with 3X magnification), vacuum lamp ensuring bright illumination (2.5 V, illumination performance of 7,000 Lux), battery handle for 2 AA batteries (included in delivery), metal clip, 2 x 10 disposable funnels (2.5 and 4 mm), practical carrying bag. Piccolight C is compatible with the funnels from egger's product range.

black

26005

Spare parts:

Spare Vacuum Bulb 2.5 V for Piccolight® C otoscope

26006



Standard illumination with vacuum lamp

NEW – KaWe Piccolight® F.O. LED

It is possible: A sensationally well manufactured, impact-resistant, energy-efficient otoscope with LED lighting technology at a fantastic cost-performance-ratio! Fiber optic for an unblocked view, illumination performance of 8,000 Lux and a life span of approx. 100,000 hours – these characteristics speak for themselves. The 2.5 V LED lamp is positioned outside of the viewing area. The battery handle with metal clip holds 2 AA batteries (included in delivery). Piccolight F.O. LED is compatible with the funnels from egger's product range. Also included in delivery are 2 x 10 disposable funnels (2.5 and 4 mm) and a practical carrying bag.

black

26003

Spare parts:

Spare Bulb 2.5 V LED for Piccolight® F.O. LED otoscope

26004



Fiber optic (FO) with LED lamp

Reusable Funnels, black

Suitable for Riester pen-scope otoscope.

Set incl. 5 funnels with a diameter of 2.0 / 2.5 / 3.0 / 4.0 / 5.0 mm

26776Singles:**Ø 2.0 mm****26771****Ø 2.5 mm****26772****Ø 3.0 mm****26773****Ø 4.0 mm****26774****Ø 5.0 mm****26775****Spare Lamps for Riester Pen-Scope Otoscope**

for new model with direct illumination (lamp visible in field of view)

2.7 V**26765****2.5 V halogen****26767****for the predecessor model pen-scope in FO design**

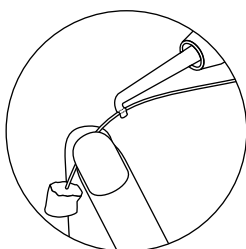
(lamp not visible in field of view)

2.7 V**26755****Heine Ear Light with Acrylic Tip**

For placing the impression pad in the auditory canal. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

black**26610****blue****26621****Ear Light for Vented Ear Impression Taking**

For placing a vented impression pad in the auditory canal. The vent tube from the impression pad is inserted into the special positioning tip and can then be placed far down in the auditory canal without any difficulties. With Xenon Halogen Technology. Robust, durable lamp with a bright, concentrated light thanks to the lens-lamp. Battery-operated (interchangeable dry cell-type, AAA batteries are included).

black**26612****blue****26622**

Spare Parts and Accessories for Heine Ear Lights

for new model

Spare Bulb XHL Xenon Halogen	26601
Acrylic Tip for ear light	26914
Acrylic Tip for vented impression taking	26916



available for predecessor model (until fall 2007)

Spare Bulb halogen	26600
Acrylic Tip for ear light	26901
Acrylic Tip for vented impression taking	26909



Impression Pads

The impression pad protects the eardrum during impression taking. Using the ear light and bayonet tweezers, it is placed in the auditory canal before impressing the ear. Every pad is equipped with a safety thread. The impression pads are available in different sizes, shapes and materials:

Impression Pads (Elastic Foam)

with safety thread

Contents: 100 pieces

Conical , pink Length approx. 1.2 cm Max. diameter approx. 1.2 cm	27800
--	--------------

Cylindrical , white Length approx. 1.0 cm Max. diameter approx. 1.0 cm	27804
---	--------------



Impression Pads (Cotton)

Contents: 50 pieces

Small, with blue safety thread
Diameter approx. 0.65 cm

27813

Medium, with white safety thread
Diameter approx. 0.75 cm

27814

Large, with red safety thread
Diameter approx. 0.85 cm

27815



Impression Pads Slim (Elastic Foam)

Suited especially for CIC impressions, equipped with safety thread.

Contents: 50 pieces

Small, grey
Length approx. 0.5 cm
Max. diameter approx. 0.95 cm

27810

Medium, white
Length ca. 0.5 cm
Max. diameter approx. 1.1 cm

27811

Large, blue
Length ca. 0.5 cm
Max. diameter approx. 1.25 cm

27812



Vented Impression Pads (Elastic Foam)

The safety thread of these pads is a tube so that air can pass through to the auditory canal during impression taking. Pressure differences are compensated and impressing the ear becomes much more comfortable for the customer. We can also offer you a matching ear light (REF 26612) with a special positioning tip for attaching the pad and then placing it deeply in the auditory canal without difficulties.

Small, 24 pieces
Length approx. 0.6 cm
Max. diameter approx. 0.6 cm

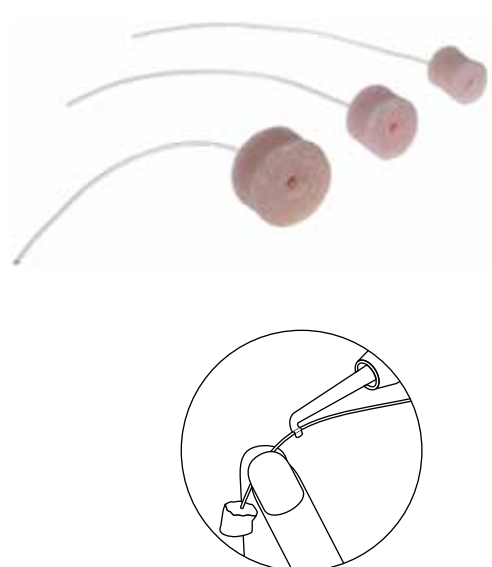
27820

Medium, 24 pieces
Length approx. 0.8 cm
Max. diameter approx. 1.0 cm



27821

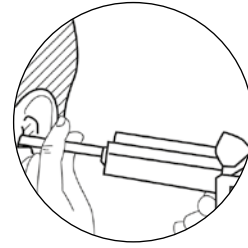
Large, 16 pieces
Length approx. 0.7 cm
Max. diameter approx. 1.2 cm

27822



Addition-Vulcanizing Impression Materials in Automix Cartridge System

The Automix cartridge system offers a safe, hygienic and mess-free application method because manual mixing is no longer necessary. With this system you will more easily fulfill the workplace hygiene regulations that have become legally binding in many countries. Another advantage is the fact that the material is always ready for use, thus enabling you to always concentrate on your customer. egger can offer you three different types of impression materials in the cartridge systems standard  and/or S 50 .



egger A/soft

Silicone impression material in double cartridges with an extremely easy flow and a high degree of form stability, non-sticky and smooth. Consisting of 2 components: white and blue.

Packaging unit: 8 double cartridges with 2 x 25 ml each,
sufficient for approx. 40 impressions

Please note our sliding-scale prices!

Final degree of hardness: 35 shore A

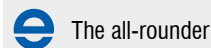
in standard cartridge

20600



in S 50 cartridge

20617



egger A/ITE

Silicone impression material in double cartridges with a very soft consistency, an extremely easy flow and a high degree of form stability. Impression taking with minimum pressure possible, especially suited for CIC impressions and those of small ear canals. Consisting of 2 components: white and pink.

Packaging unit: 8 double cartridges, each containing 2 x 25 ml,
sufficient for approx. 40 impressions

Please note our sliding-scale prices!

Final degree of hardness: 34 shore A

in standard cartridge

20604



in S 50 cartridge

20608



egger A/II S 50

Silicone impression material in S 50 double cartridges of soft, slightly pressure-forming consistency. Due to its high viscosity, the material is characterized by impression exactitude, tensile strength and form stability. Consisting of 2 components: red and red.

Packaging unit: 8 double cartridges with 2 x 25 ml each, sufficient for approx. 40 impressions

Please note our sliding-scale prices!

Final degree of hardness: 40 shore A

in S 50 cartridge

23707

**NEW – Electric Injector**

25130

Electrically and effortlessly operated injector for dispensing the impression material from double cartridges. The acceleration speed and the dispensed amount of material stay consistent; however, they can also be adjusted to suit situational needs. Suitable for the standard and the S 50 cartridge thanks to an adapter (included).

**Inject Pistol**

25100

For inserting standard double cartridges for impression taking. By using the inject pistol, the impression material (egger A/soft, egger A/ITE) can be delivered to the ear while applying the same steady pressure. Range-reduction spacer for small hands included.

**Injector S 50**

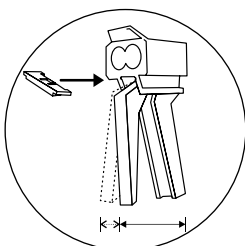
25150

Inject pistol for using silicone impression material in S 50 double cartridges (e.g. egger A/soft, egger A/ITE, egger A/II). Range-reduction spacer for small hands included.

**Spacer for Inject Pistol and Injector S 50**

25156

Range-reduction spacer for small hands.



Mixing Canulas, standard

Attachment for standard double cartridges for automatic mixing of the impression material.

Inner diameter (tip): 4.8 mm

Diameter (total): 6.75 mm



50 pieces
100 pieces

61403
61402

**Mixing Canulas Slim, 50 pieces**

Mixing canulas with a small diameter for standard double cartridges. Therefore ideally suited for impression taking of small auditory canals (e.g. for a child's fitting). Saves up to 50 % of material. No additional attachments necessary. Can also be used for applying silicone cold-curing materials to negative molds during the indirect technique.

Inner diameter (tip): 1.2 mm

Diameter of syringe (total): 4.75 mm



61420

**Mixing Canulas S 50 for egger A/soft and egger A/ITE**

Attachment for double cartridges S 50 for automatic mixing of impression material.

yellow

Inner diameter (tip): 3.65 mm

Diameter (total): 5.7 mm



40 pieces
100 pieces

25160
25161

**pink**

Inner diameter (tip): 4.8 mm

Diameter (total): 6.75 mm



40 pieces
100 pieces

25151
25152

**Mixing Canulas S 50 for egger A/II**

Attachment for double cartridges S 50 for automatic mixing of impression material.

green

Inner diameter (tip): 4.8 mm

Diameter (total): 8.0 mm



40 pieces
100 pieces

25154
25155



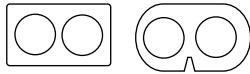
Tips for Canulas, 50 pieces

Attachment for mixing canula to facilitate the impression taking of very narrow auditory canals. Suitable for the standard mixing canula and S 50 mixing canula (green and pink).

Inner diameter (tip): approx. 1.0 mm

Diameter (total): approx. 2.0–3.0 mm

Length: 16 mm

**25200****Kneadable Impression Materials**

The traditional system. After mixing the material beforehand, it is injected with the egger impression syringe with double piston. To this end, egger can offer you addition-vulcanizing materials. Mixing is done in a 1:1 ratio. The materials are basically shrink-proof. Alternatively, you can also decide on a condensation-vulcanizing material. Its base material is mixed with 3 % of hardener.

egger A

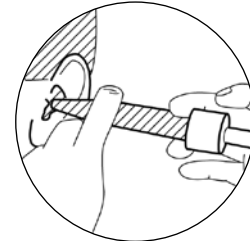
Addition-vulcanizing silicone impression material of slightly pressure-forming consistency, high stability, impression exactitude, tensile strength and form stability. Consisting of 2 components: white and blue.

Final degree of hardness: approx. 36 shore A

2 x 700 g

Sufficient for approx. 100 impressions

Please note our sliding-scale prices!

23301**egger A/I**

Addition-vulcanizing silicone impression material with a very soft, slightly pressure-forming consistency and an extremely smooth texture for highly precise and detailed impressions. Consisting of 2 components: white and green.

Final degree of hardness: approx. 26 shore A.

2 x 660 g

Sufficient for approx. 100 impressions

Please note our sliding-scale prices!

23100**egger A/II**

Addition-vulcanizing silicone impression material of soft, slightly pressure-forming consistency, high impression exactitude, tensile strength and form stability. Consisting of 2 components: white and red.

Final degree of hardness: approx. 40 shore A

2 x 700 g

Sufficient for approx. 100 impressions

Please note our sliding-scale prices!

23700

Another all-rounder

Measuring Spoon for A-Type Silicones,**23500**

1 pair (Spoons: 1 white, 1 blue)

With a volume of 5 ml each, the spoons are adjusted to the material requirements for most ear impressions.

**egger C****20200**

Condensation-vulcanizing silicone impression material incl. hardener with slightly pressure-forming, smooth consistency and an optimum material flowability plus an exact impression precision.

Color: red with blue hardener

Final degree of hardness: approx. 40 shore A

Basis 660 g + hardener 25 g

Sufficient for approx. 60 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.



Tube, 25 g

22200**egger C/I****20305**

Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, smooth and easy-to-work consistency.

Color: white with blue hardener

Final degree of hardness: approx. 23 shore A

Basis 600 g + hardener 20 g

Sufficient for approx. 55 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.



Tube, 20 g

22222**egger C/II****20500**

Condensation-vulcanizing silicone impression material incl. hardener of slightly pressure-forming, extremely smooth and non-sticky consistency for manufacturing very elastic and tensile ear impressions.

Color: yellow with blue hardener

Final degree of hardness: approx. 25 shore A

Basis 660 g + hardener 25 g

Sufficient for approx. 55 impressions

Please note our sliding-scale prices!

Hardener also available individually if needed.



Tube, 25 g

22100**Measuring Spoon for C-Type Silicone** (measuring unit 10 ml)**20505**

Volume of 10 ml covers the material requirement for most ear impressions.



egger Impression Syringe

Double piston impression syringe with transparent cylinder allows even delivery of silicone impression material into the ear, easily refillable. The transparent cylinder makes the injection procedure visible and controllable. Available with the following diameters:

Ø 3 mm for small auditory canals + CIC impressions	25503
Ø 4 mm standard	25500
Ø 5 mm for large auditory canals + highly viscous impression materials	25505

Spare Cylinder

Ø 3 mm	25603
Ø 4 mm	25600
Ø 5 mm	25605

Spare Piston, blue	25601
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**egger Impression Syringe, short version**

Ideally suited for small hands. Available with the following diameters:

Ø 3 mm	27440
Ø 4 mm	27450

**Useful Accessories for Impression Taking****Mixing Spatula**

Robust mixing spatula with wooden handle for mixing silicone impression material.

26400**Mixing Slab**

Synthetic material, 10.5 x 15 cm

27600**Bayonet Tweezers**

For positioning the impression pad in front of the auditory canal.

45200**Impression Tweezers**

With round tips for safe positioning of impression pads, with sliding clasp lock mechanism.

45630

Scissors, round tip

For removing hairs in the ear.

45900**Ear Canal Hair Trimmer, electrical**

For safe depilation of the auditory canal area. Battery-operated (type LR6 - 1.5 V batteries included).

24200**Bite Block**

Supports impression taking of the ear for manufacturing highly sealing ear-molds. In particular when high transmission gain is needed or in cases of acoustic feedback while chewing.

78021**Clear Former, Impression Film**

Prevents the impression material from flowing out of the ear during impression taking. Ideally suited for low-viscosity impression materials. Comes in smart ear design. For professional and mess-free impression taking. 2 x 10 pieces left (blue) and right (red).

2 x 10 pieces
2 x 100 pieces**25610**
25611**Practice Ear, transparent**

For demonstrating and practicing impression taking.

left
right**27980**
27981



Hearing Aid Accessories / Service and Repairs

Practical, useful, safe – here you will find everything to make life easier. The smart supplement for your high-quality hearing aid program. Professional service creates satisfied customers. Exact executed repairs on hearing aids and earmolds increase the competence of the hearing aid acoustician. Tried-and-true auxiliary materials and tools enable you to execute repairs and provide service competently and quickly. This facilitates your day-to-day operations. This strengthens customer relations.

Practical and Useful Accessories

Anything and everything of use for your customer having to do with hearing aids and hearing protection. A great range of accessories helps make daily life easier for wearers. This strengthens the relationship between customer and hearing aid specialist.

Battery Tester

31299

Small and easy-to-handle battery tester to determine how much power is left in your hearing aid battery. The LCD digital display will quickly indicate the current power level with an ascending bar. Applicable for all common hearing aid battery sizes (675, 13, 312, 10) With battery drawer and chain for attaching to key ring. Delivery in retail pack.



Hucki-Holder

Easy and practical solution for holding the BTE hearing aid in place behind the ear and protecting it from falling down. The holding tube can be individually adjusted to the size of the ear.

Hucki-Holder

pink-transparent (1 piece)

97500

flesh-colored (1 piece)

97502

Hucki-Tube

pink-transparent (50 cm)

97508

flesh-colored (50 cm)

97506
Hucki-Connecting Tips, 10 pieces
97509


Super Seals Protective Covers

Flexible latex cover to protect BTE hearing aids from moisture and dirt. Super seals are used with a special expander, which is included in delivery.

Available in the following colors and sizes:

Color	Size	Super Seals Set Includes 12 Super Seals and expander	Refill package with 12 Super Seals
beige	small	97613	97607
	medium	97614	97608
	large	97615	97609
transparent	small	97622	97643
	medium	97623	97644
	large	97624	97645



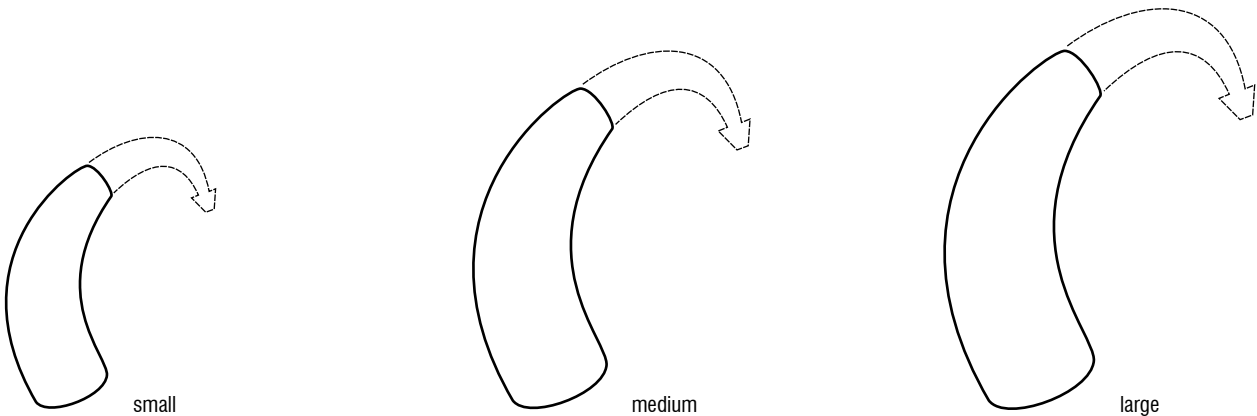
Expander for Super Seals

97606



Size Chart for Super Seals

Place the hearing aid on the chart to determine the correct Super Seals size.



For Competent Hearing Aid Acousticians

Competence – also conveyed through spontaneity. Special tools for hearing aid acousticians make professional service and on-the-spot repairs possible. Thus keeping customers satisfied.

egger Service and Repair Kit EL 3, 230 V

31211

The proven egger service and repair kit EL 3 is suitable for universal use in the acoustician shop, for home visits and in the laboratory. Services and repairs like

- glazing with anti-bacterial effect
- anti-slip coating
- repairs and modifications of earmolds

can now be done on the spot – quickly and efficiently. So you will increase your independence and offer your customer the best possible service.



Everything for the service expert

Scope of delivery:

UV-Curing Unit egger EL 3 (230 V)	51300
Turning Motor, battery-operated	89300
LP/H Modeling Paste	
transparent	30800
beige	31000
red	29610
blue	29615
LP/H Lacquer antibac, 50 ml	30621
LP/W Lacquer, 50 ml	30700
Surface Cleaner, 250 ml with	31600
Hand Spray Pump	86732
LP-Cleaner, 100 ml	31301
Jar, transparent	52800
Modeling Instrument	31215
Nylon Tube as Lacquering Aid	97200
Digital Timer	68601
Uniglu Instant Adhesive	39501
5 Dosing Tips, small (for Uniglu)	39505
5 Dosing Tips, large (for Uniglu)	39504
10 Sound Tubes 2.0 x 3.1 mm, pre-bent	95100

Bonus: complementary DVD with instruction videos

Also available in 110 V

31212

egger Service and Repair Kit EL 3 also available with:

Electrical Turning Motor, 230 V with Plug for Mains Supply (REF 89400)

31213

instead of battery-operated device (REF 89300)

The set's contents can also be ordered separately.



egger Lacquers – The Best Choice for Every Application!



UV-Curing Lacquers

- Ready-to-use one-component lacquers
- Curing complete within 1–7 minutes (depending on the light-curing unit used)
- Earmolds can be dipped or brushed
- Post-curing of the soft lacquer in LP-Cleaner bath or under inert gas (N₂)



	Suitable for earmolds of	Characteristics	Units	REF
LP/H Lacquer	<ul style="list-style-type: none"> - hard UV-polymerizate - hard acrylic 	For a homogeneous, scratch-resistant, transparent surface (glazing)	in glass bottle with brush: 20 ml 50 ml	30603 30600
			in aluminum bottle: 100 ml 250 ml 500 ml 1000 ml	30601 30602 30605 30609
LP/H Lacquer antibac	<ul style="list-style-type: none"> - hard UV-polymerizate - hard acrylic 	For a homogeneous, scratch-resistant, transparent surface (glazing), with long-lasting, antibacterial effect	in glass bottle with brush: 50 ml	30621
			in aluminum bottle: 100 ml 500 ml	30622 30624
LP/W Lacquer	<ul style="list-style-type: none"> - soft UV-polymerizate - soft acrylic 	Seals the surface and can be used as adhesive coating	in glass bottle with brush: 20 ml 50 ml	30703 30700
			in aluminum bottle: 100 ml 250 ml	30701 30702

Air-Drying Silicone Lacquers

- Ready-to-use one-component lacquers
- Earmolds/impressions can be dipped or brushed
- Lasting coatings with good adhesion

	Suitable	Characteristics	Units	REF
Lacquer L	for earmolds of silicone (hot- and cold-curing) or as coating for impressions*	High-gloss sealing of the surface with leveling effect. Curing at room temperature within 15–20 minutes. (*Separating effect on impressions – not suitable for negative molds of duplicating silicone.)	in glass bottle with brush: 20 ml 50 ml	37505 37500
			in aluminum bottle: 100 ml 250 ml 500 ml 1000 ml	37501 37502 37503 37506
Lacquer L Nano	for earmolds of silicone (hot- and cold-curing)	High-gloss sealing of the surface with antibacterial effect due to nano silver. Leveling effect. Curing at room temperature over night or at 80 °C (176 °F) within 20 minutes.	in glass bottle with brush: 20 ml 50 ml	37515 37510
			in aluminum bottle 100 ml 500 ml	37511 37512

Hot-Curing Silicone Lacquer

- Ready-to-use one-component lacquer
- Curing complete within 15 minutes in thermal oven at 110 °C (230 °F)
- Earmolds can be dipped or brushed
- Lasting coatings with very good adhesion

	Suitable for earmolds of	Characteristics	Units	REF
Lacquer H/II	Silicone (hot- and cold-curing)	High-gloss, leveling glazing of the surface	in aluminum bottle: 100 ml 250 ml 500 ml	39400 39403 39402

Varnishing Brush

High-quality varnishing brush for all kinds of lacquering.

31500**Varnishing Holder Kit for Silicone**

Kit with 1 varnishing holder for up to 10 earmolds and 20 lacquering tubes.

74622*Also available separately:***Varnishing Holder****74620****Lacquering Tubes**, 20 pieces**97110****Varnishing Holder Kit**

To be used in the EL 1 (REF 51100), EL 1 plus N2 (REF 51110) and EL 4 (REF 51205) units.

51207*Kit consisting of:*

5 magnetic varnishing holders

20 g Erkogum

1 m nylon tube, pre-cut 1.5 x 2.5 mm

**Erkogum**, 1 g

Reusable modeling clay – for fixing earmolds during varnishing operations. Especially recommendable for shells.

30911**Dipping Jars**, impervious to light, with black lid

For collecting reusable UV-curing materials as well as for processing and storing small quantities of lacquer.

60 ml**31400****120 ml****31401****egger LP Modeling Pastes**

Stable, pasty consistency for repairing earmolds made of acrylic and UV-curing materials, shaping vents for ITE shells or for modifying earmolds. Color-coordinated to the corresponding earmold base material. Tubes with 20 g.

Hard Modeling Pastes (LP/H)

transparent

30800

beige

31000

flesh-colored

29800

red

29610

blue

29615

Surface Cleaner

For cleaning surfaces and removing dust, grease, etc. before using the modeling pastes or lacquers. Also suitable for cleaning the varnishing brush.

In plastic bottle:

250 ml	31600
500 ml	31603
1000 ml	31601

Hand Spray Pump

For spraying the surface cleaner on surfaces. **86732**

**Uniglue, 10 g**

Cyanoacrylate-based, instant adhesive with especially adjusted flowability for bonding sound tubes, elbows, face-plates, etc. – in combination with primer (REF 39700) especially suitable for silicone earmolds.

Accessories:

Dosing Tip, large, 1.0 mm (length: 4,0 cm)	39504
Dosing Tip, small, 0.5mm (length: 2.0 cm)	39505

**Primer for Uniglue, 10 g**

For the pre-treatment of silicone earmolds (auditory canal drillings); in combination with uniglue (REF 39501), it provides durable bonding of PVC sound tubes and silicone earmolds. **39700**

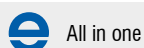
**Stetoclip Kit Premium**

The premium composition in a single kit. Stetoclip with elastic earplugs of soft plastic, including listening tube with top. To avoid mix-ups, every stetoclip is equipped with a name tag.

Color: blue.

Accessories for Stetoclip Premium:

Spare plug for Stetoclip Kit Premium, 1 piece	97041
Tube adapter (aluminum) for Stetoclip (for Stetoclip Kit Premium blue)	97015



Stetoclip Color

With hard plastic earplugs, adapter and listening tube.

black	97044	
orange	97037	
green	97038	
red	97048	
dark-blue	97049	
light-blue	97043	

Accessories for Stetoclip Color:

Tube adapter (aluminum) for Stetoclip	97011
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**Stetoclip Standard, grey**

Includes coupling attachment and listening tube.

with Soft Foam Earplugs	97000
with Hard Plastic Earplugs	97006

Accessories for Stetoclip Standard:

Spare Foam Tips, 1 pair	97005
Spare Foam Tips, 1 pair	97007



Accessories for stetoclips:

Listening Tube with Top (beige) and Junction Coupling	881341
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For connecting to a stetoclip.

Top for Listening Tube, beige	88121
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Listening Tube, multi-colored	881340
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For listening directly to ITE hearing systems. With blue earplug (olive-shaped) and red top.

Top for Listening Tube, red, for multi-colored listening tube	881210
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**Junction Couplings for Stetoclip**

positive, for stetoclip and earmolds	97002
negative, for external receivers	97003



Earmold Vacuum Cleaner, manually operated

Ideal for the professional removal of cerumen by creating a vacuum. Ergonomically-shaped with operable release button. The tip is equipped with an exchangeable listening top that can be purchased separately.

97070**Soldering Unit Kit Weller WD 1**, 230 V for lead-free soldering

Kit consisting of the new microprocessor-controlled soldering unit including soldering iron WP 80, comfort safety stand, 2 soldering tips diameter 0.2 mm and 0.4 mm and 100 g lead-free soldering wire. Temperature adjustable from 50 °C (122 °F) to 450 °C (842 °F). Via fixed keys three temperatures can be programmed independently from each other. A dry-cleaning for the soldering irons is integrated in the comfort safety stand (with automatic on/off switch). This avoids oxidations and lutings on the surface of the soldering tip.

60930

Operating temperature: 50–450 °C (122 F–842 °F).

Dimensions: W 134 x D 108 x H 147 mm

Voltage: 230 V

Accessories:

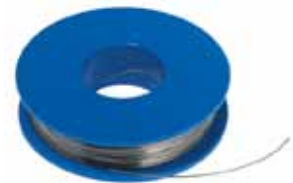
Soldering Iron WP80

For a high level of accuracy with only short heating period

Output: 80 W

60931**Soldering Tip LT 1L**, conical, long, diameter 0.2 mm**60984****Soldering Tip LT S**, conical, long, diameter 0.4 mm**60985****Solder Wire**, lead-free

0.5 mm, 100 g

60915**Desoldering Braid**

width: 2.8 mm, length: 1.5 m

60916

Clamping Tweezers, straight, 16 cm
For soldering operations.

45625



Standard Bench-Type Magnifier

With 2 spring joint arms, free movable magnifier head, glass lens, large field of view. Includes lamps and clamp for mounting to desk tops up to 70 mm wide.

69688

Accessories:

Lamp 230 V/9 W

69689



Tube Widening Pliers
For expanding sound tubes

45400



Scissors – straight pointed
e. g. for cutting sound tubes, elbows, etc.

24000



Tweezers, straight

45600



Tweezers, curved

26300



Tweezers, thin – curved

45610



Tweezers, thin – straight

45620



Side Nippers

e. g. for cutting vent tubes with wire.

46400**Flat-Nose Pliers**

e. g. for withdrawing vent tubes with wire.

46300**Screwdriver Kit**

6 screwdrivers with longitudinal slot
(1.0 mm / 1.4 mm / 2.0 mm / 2.4 mm / 3.0 mm / 3.8 mm) in one set.

66003**Drill Holder, 10.5 cm**

For the manual removing of sound tubes using drills with shank diameter of 2.35 mm.

77295**Fiberglass Pen, 12 cm**

For the manual mat finish of earmolds or ITE face-plates.

77290**Spare Tip for Fiberglass Pen, 6 pieces****77291**

The Shop on Wheels

Home Visit. Hearing protection field work. Professional education.

Plastic bag?

We offer you something better! The chic otoplastic trolley. Your mobile packing station for everything having to do with earmolds. We will be pleased to supply you with the completely equipped trolley.

Otoplastic Trolley (empty), aluminum black

66005

Otoplastic Trolley "Standard"

66006

Offers many assembling possibilities! In order to ensure you have everything you might need, we chose the contents according to the high standard needs of an acoustician's master exam in Germany:



Contents:

Heine Mini 3000 Otoscope 2.5 V halogen, black	LP-Cleaner, 250 ml
Heine Ear Light with Acrylic Tip, black, with the new Heine Mini C clip lamp	Silicone Vent Tube, 0.8 mm
Tube Widening Pliers	Silicone Vent Tube, 1.5 mm
Scissors, round tip	Silicone Vent Tube, 2.0 mm
Bayonet Tweezers	Tweezers, fine, curved
egger A/soft (8 double cartridges)	Drill Set for hard earmold materials
Inject Pistol	Bur, round, 3.5 mm
Mixing Canulas, 25 pieces	Carbide Face-Plate-Trimmer
Clear Former – Impression Film (2 x 10 pieces)	Soft Polishing Disc, green, not assembled (10 pieces)
Cotton and Sewing Thread for manufacturing impression pads	Mandrel for Soft Polishing Disc
<i>Cedis</i> Spray with Atomizer, 100 ml	Corundum Paper, grit 180
Bottom Part (for gasket forms), 40 mm	Uniglu, 10 g with dosing tip, small, 0.5 mm
Gasket forms, 40 mm, 2 pieces	Universal Knife
Duplicating Silicone transparent, 8 cartridges	Spare Blade for Universal Knife (1 piece)
egger Acryl/B Monomer (liquid), 250 ml	Scalpel with 1 Blade, flat handle
egger Acryl/B Polymer (powder), transparent, 0.5 kg	Spare Blades for scalpel with flat handle (5 pieces)
Mixing Cup, 70 ml	Cotton Swabs, 200 pieces
Mixing Spatula, small	Safety Visor
Immersion Skewer for waxing of 1 impression (only in standard version)	Face Mask, double-fleece, 5 pieces
Dipping Wax, green, 167 g (only in standard version)	Stetoclip, black
Sound Tube PVC, 2.0 x 3.1 mm, transparent	Mixing Slab, plastic
egger LP/H beige, 150 g tube	Drill Stand Attachment with old-away lid
egger LP/H Modeling Paste beige, 20 g	1 Set of Training Earmolds including sound tubes (the set includes each 5 x right / 5 x left)
Dipping Jar, 60 ml	Paper Tissue Dispenser, 150 tissues
Black Foil, 10 pieces, 4.5 cm	Digital Timer
	Edding, fine, black

* Laboratory devices are not included, as they are generally provided by the schools while in training or during exams.

Otoplastic Trolley "Expert"**66007**

This trolley, in addition to the products of the "Standard" version, is equipped with machines for the easy manufacturing of transparent earmolds of UV materials:

egger EL 3, 230 V
Dipping Wax, green, 500 g
Wax Immersion and Duplicating Device, 230 V
Dipping Sieve
Digital Thermometer
Aquapress



The shop on wheels

Training earmolds (80 percent earmolds) including sound tubes
(the set includes each 5 x right-red/5 x left-blue)
19930

The shape of the training earmolds is based on the main characteristics of more than ¾ of all earmolds produced daily. A great auxiliary for practicing fittings and for exams! Pre-bent sound tubes 1.5 x 2.5 mm are inserted!

The set includes:

- 1 earmold without an additional bore
 - 1 earmold with an additional bore of 1.0 mm
 - 1 earmold with an additional bore of 1.4 mm
 - 1 earmold with an additional bore of 2.0 mm
 - 1 earmold with an additional bore of 2.5 mm
- (left and right respectively)



We also offer training courses on earmolds and hearing protection for technicians in our fully equipped training laboratory!

For further information, please consult page 206.














Tubes, Elbows and Accessories

Tubes, elbows, horn systems ... the right accessories for high-quality earmolds. With the matching special parts, the fidelity of earmolds can be influenced individually. In various shapes and a great variety of colors. Contact us for information on our attractive sliding-scale prices.

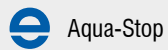
Sound Tube PVC, by the meter

1.5 x 2.5 mm	transparent	95500	
2.0 x 3.1 mm	transparent	95600	
	flesh-colored	95700	
	blue	95603	
	red	95606	
	black	95607	
2.0 x 3.3 mm	transparent	95900	
	flesh-colored	95705	
2.0 x 4.0 mm	transparent	95800	

**Dry Tube**

The special tube made of polyurethane lets moisture diffuse, thus preventing a possible condensation build up in the sound tube.

2.0 x 3.0 mm	transparent, by the meter	96600
	pre-bent	96200



Aqua-Stop

Horn Tube, Dry Tube










Apart from transporting moisture, this sound tube with its "horn" shape also supports the high frequencies, that are important for hearing clearly.

3.0 mm	inside diameter	96300
4.0 mm	inside diameter	96400









**Bent Sound Tubes and Elbows**

Various angles are available. Ideal for the optimum adaptation to individual anatomic requirements.

Sound Tube PVC, wide, pre-bent

1.5 x 2.5 mm	transparent	95505	
2.0 x 3.1 mm	transparent	95100	
	flesh-colored	95105	
	blue	95203	
	red	95206	
	black	95207	
2.0 x 3.3 mm	transparent	95905	
	flesh-colored	95200	
2.0 x 4.0 mm	transparent	95300	

**Sound Tube PVC, narrow, pre-bent**

1.5 x 2.5 mm	transparent	95515	
2.0 x 3.1 mm	transparent	95110	
	flesh-colored	95115	
	blue	95213	
	red	95216	
	black	95217	
2.0 x 3.3 mm	transparent	95915	
	flesh-colored	95210	



Sound Tube with Wax Guard, pre-bent
for open fittings

2.0 x 3.1 mm , transparent	96800
Wax guard , transparent	96900



CROS-Tube with Wax Guard, anatomically pre-bent

2.0 x 3.1 mm , transparent	
left	96820
right	96821



Elbow, wide, pre-bent

1.5 x 2.5 mm	transparent	90010	<input type="checkbox"/>
	blue	90013	<input checked="" type="checkbox"/>
	red	90016	<input checked="" type="checkbox"/>
2.0 x 3.0 mm	transparent	90110	<input type="checkbox"/>



Elbow, narrow, pre-bent
With this special design of the hearing aid elbow, the requirements for a demanding earmold adaptation can be fulfilled more easily.

1.5 x 2.5 mm	transparent	90000	<input type="checkbox"/>
	blue	90003	<input checked="" type="checkbox"/>
	red	90006	<input checked="" type="checkbox"/>
2.0 x 3.0 mm	transparent	90100	<input type="checkbox"/>
	blue	90103	<input checked="" type="checkbox"/>
	red	90106	<input checked="" type="checkbox"/>



Nylon Tube
For manufacturing elbows. Available by the meter.

1.5 x 2.5 mm	97200
2.0 x 3.0 mm	97100



Horn Systems

The transmission of high frequencies, which are important for audibility, is supported while in sound transportation by using horn systems. We can offer you a wide selection to choose from.

Horn Tube, thin-sided

Inside diameter 3.0 mm

transparent

96000 

flesh-colored

96007 

blue

96001 

red

96004 

black


96006 

Inside diameter 4.0 mm


transparent

96100 


flesh-colored

96107 

blue

96101 

red

96104 

black

96106 

Horn Tube, thick-sided, transparent

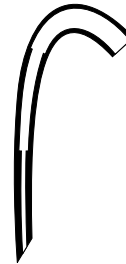

Inside diameter 2.3 mm

96005 

Inside diameter 3.0 mm

96700 

Inside diameter 4.0 mm

96701 

Bakke-Horn

For integration into hard earmolds.

96500

Horn Elbow

The gracile alternative to Bakke-Horn.

96502



Anchors

Special systems for attaching sound tubes to silicone earmolds – no gluing required.

egger flex Tube with Anchor

transparent

95400

flesh-colored

95405

Plastic Anchor

90200

Metal Expanding Attachment, gold-plated

short

90903

long

90904



Connectors

For manufacturing earmolds for pocket hearing aids.

Snap Ring, for soft silicone earmolds

90901

For manufacturing earmolds the place marker (REF 90902) is needed (see page 159).

Connecting Spring, gold-plated

97300

Snap Ring, for hard earmolds

90900

With the heating piston (REF 60700) it is directly worked into the cured acrylic material.



Heating Piston with Tip, 230 V

Very light, electric soldering gun with tip, extremely short heating period (approx. 10 seconds), for heating up or attaching snap rings, heating function activated with the push-button.

60700**Grip Stencil Set**

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).

36899**Handle for Silicone Earmolds**

Handle of colored plastic material, reinforced by carbonate, to be screwed into silicone noise protection earmolds or swim plugs, with practical ring for attaching tubes or cords. Colors: red and blue.

5 pairs (5 x red, 5 x blue)

1 pair (1 x red, 1 x blue)

36980**36981****Removal String**

For easier removal of ITE shells, BTE and slim earmolds or hearing protection earmolds.

10 pieces

100 pieces

8814601**8814602****Tube Junction**

positive, for earmolds or stetoclip

97002

negative, for external receivers

97003**Ear Plug, Olive-Shaped, with Tube**

small

medium

large

97021**97022****97023**



Presentation / Promotion Assistance

Earmolds have to be small, nearly invisible. Except in your shop! Draw attention to the inconspicuous – with charm and elegance. Present your products in a classy and sophisticated way. Original, cheeky or classic – we have the right design for every atmosphere. You would prefer a different color? No problem, we also offer custom-made solutions. Our tip: Presentation products make an original present for your business partners.

egger Presentation Displays with "Floating Effect"

Upon first glance it appears as if the decoration were floating inside the frame. Only upon closer look will the two transparent silicone membranes become visible – stretched between the frame structure, which is hinged so it can be folded open. With the unique all-around visibility, these displays cleverly draw attention to e.g. earmolds or hearing systems. Creativity and choice of decoration is limited only by frame size.

Presentation Display S

Inner dimensions: 70 x 70 x 25 mm

83880**Presentation Display M**

Inner dimensions: 265 x 60 x 25 mm

83881**Presentation Display L**

Inner dimensions: 230 x 180 x 25 mm

83882**Presentation Display XL**

Inner dimensions: 260 x 260 x 72 mm

83883

Decoration not included.

**Presentation Heads Max and Telly**

A smart possibility of presenting up-to-date hearing and hearing protection systems in the acoustician shop or during fairs. Max and Telly let you appeal to different target groups. The head can be equipped with an egger deco ear (not included). The deco ears are available in various colors.

The heads are available in other colors with a minimum order quantity of 50 pieces.

Presentation Head Max

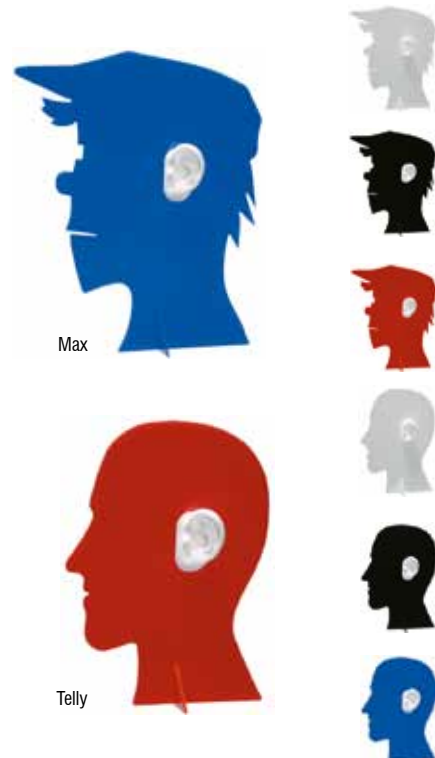
white
black
red
blue

87160
87161
87162
87163

Presentation Head Telly

white
black
red
blue

87164
87165
87166
87167



Please order deco ears separately.

Deco Column

The multi-purpose solution that offers numerous and flexible possibilities! The deco columns are provided with a white egger deco ear (earmold not included) and are available in three different sizes and many different colors. On demand, special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

You can order the columns with your choice of a left or a right ear.

Dimensions of the columns:

small H = 9.4 cm
medium H = 11.4 cm
large H = 16.4 cm

Color*

		with left ear	with right ear
white (RAL 9010)	small	87700-L	87700-R
	medium	87701-L	87701-R
	large	87702-L	87702-R
black (RAL 9005)	small	87717-L	87717-R
	medium	87718-L	87718-R
	large	87719-L	87719-R
red (RAL 3002)	small	87782-L	87782-R
	medium	87783-L	87783-R
	large	87784-L	87784-R
blue (RAL 5003)	small	87785-L	87785-R
	medium	87786-L	87786-R
	large	87787-L	87787-R
granite	small	87738-L	87738-R
	medium	87739-L	87739-R
	large	87740-L	87740-R
aluminum-silver	small	87880-L	87880-R
	medium	87881-L	87881-R
	large	87882-L	87882-R

* Information on RAL-colors is not binding.



Deco Column in Metallic Design

Light reflection draws an interesting play of colors. Delivery includes white deco ear.

Color

		with left ear	with right ear
silver-metallic	small	87170-L	87170-R
	medium	87171-L	87171-R
	large	87172-L	87172-R
mango-metallic	small	87173-L	87173-R
	medium	87174-L	87174-R
	large	87175-L	87175-R



Deco Display Colorline

With Colorline you can add even more color to the presentation of hearing systems. Choose from the standard colors red, black or white. The displays are also available in many other colors with a minimum order quantity of 50 pieces. Colorline is made of plastic and is available in two sizes to be able to hold either one or two ears. You have special requests? – We can also offer individualized solutions.

Please order the matching egger deco ears separately.

Dimensions:

W 18 x H 15 cm







	for 1 deco ear	for 2 deco ears
black	88300	88301
white	88302	88303
red	88304	88305



Please order deco ears separately.

egger Deco Ears

They can be used with the egger deco columns, deco displays and the presentation heads Max and Telly. The left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.

<u>Color*</u>	left	right
white (RAL 9003)	27902	27903 
beige (RAL 8023)	27904	27905 
grey (RAL 7036)	27911	27912 
light-blue (RAL 5015)	27914	27915 
ruby-red (RAL 3003)	27920	27921 
dark-blue (RAL 5002)	27918	27919 

* Information on RAL-colors is not binding.



Magnetic Glass Board

A multi-functional item among the presentation products with several possible uses! Experience unlimited creativity and flexibility in your product presentation set-up.



Whether you want to simply attach an egger Magic Ear to present a new hearing system or make the *Cedis* care products the center of attention: You can position many products rapidly and easily by using magnets. In addition, you can label the magnetic glass board with dry-erase markers.

Our magnetic glass boards combine simple design with color effects and light effects due to reflecting glass. They are available in trendy and timeless colors. You can mount the magnetic boards horizontally or vertically to the wall or set them up vertically anywhere you like (e. g. in a display window). Please order the matching egger Magic Ears separately.



A multi-functional product presenter

Delivery includes:

Mounting set for wall
5 magnets

<u>Color / size (W x H)</u>	50 x 30 cm	82 x 12 cm	80 x 50 cm
green	83850	83851	---
red	83852	83853	---
white	83854	83855	---
black	83856	83857	83858

Accessories:

Set with 5 Magnets

83859



Support Bracket for Free Set-Up

For the magnetic glass board

50 x 30 cm
82 x 12 cm

83870
83871

Dry-Erase Markers

They always provide the right color for a colorful labeling of the egger magnetic glass board. Dry-erase markers can be wiped off without water.

neon-blue
neon-green
black
white

83860
83861
83862
83863



Please order Magic Ears separately.

Magic Ear Deco Display

We can also offer you a matching metal decoration display for your Magic Ears, which is available in the standard colors silver, blue and black or in every standard RAL-color with a purchase quantity of 50 pieces per size. Please order Magic Ears separately.

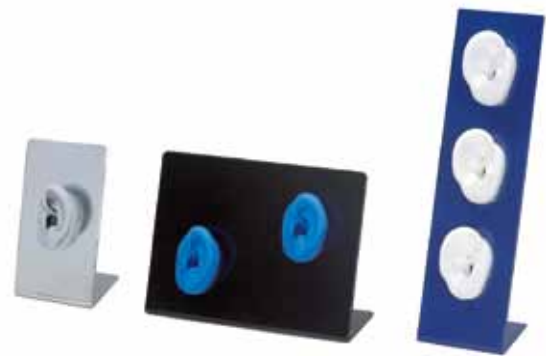


Sizes:

small W 8 x D 8 x H 15 cm
medium W 20 x D 8 x H 15 cm
large W 8 x D 8 x H 30 cm

<u>Color*</u>	small	medium	large
silver-metallic, brushed	87960	87961	87962
blue (RAL 5022)	87963	87964	87965
black (RAL 9005)	87966	87967	87968

* Information on RAL-colors is not binding.



Please order Magic Ears separately.

Deco Display Timeless

The deco display "Timeless" consists of acrylic glass; the column is made of anodized aluminum. Please order Magic Ears separately.



Size column 10 x 10 cm

small	H 10 cm	87870
medium	H 20 cm	87871
large	H 30 cm	87872









Please order Magic Ears separately.

Magic Ears

The Magic Ears stick to all magnetic surfaces, e.g. the Magic Ear displays or Timeless deco displays or the egger magnetic glass board. Left and right ears are available in different colors. Special color requests (in the usual RAL-colors) are possible with a minimum order quantity of 50 pieces.



<u>Color*</u>	left	right
white (RAL 9003)	27950	27951 
beige (RAL 8023)	27956	27957 
grey (RAL 7036)	27954	27955 
light-blue (RAL 5015)	27962	27963 
ruby-red (RAL 3003)	27982	27983 
dark-blue (RAL 5002)	27964	27965 

* Information on RAL-colors is not binding.



Presentation Case "Maxi" with 20 compartments

87944

High-quality aluminum presentation case with foam material inlay. Due to the clear presentation of earmolds and hearing systems, it is ideally suited for sales talk in the acoustician shop, during home visits or fairs. Pictured earmolds are not included.

Dimensions:

approx. W 34 x D 25 x H 4 cm

Dimensions of the compartments:

approx. W 5 x D 5 x H 1.5 cm

Decoration not included.



Professional presentation

Presentation Case "Mini" with 12 compartments**89845**

Handy and practical presentation case with 12 compartments for a clear presentation of earmolds and hearing systems. It is universally usable for sales talk in the acoustician shop, during home visits or fairs. Pictured contents are not included.

Dimensions:

approx. W 21 x D 15 x H 2 cm

Dimensions of the compartments:

approx. W 4 x D 3.5 x H 1.8 cm

Decoration not included.

**Presentation Tray, black****87890**

High-quality hearing systems deserve a professional presentation during a sales talk. The surface is made of synthetic leather. Pictured presentation products are not included.

Dimensions:

W 27 x D 17 cm

Decoration not included.

**Bulk Bin / Sales Counter Display****87986**

Ideal for placing give-aways on the sales counter. Stylish sales counter display in glass-clear and high-gloss design. Individual labeling with signs or labels on request. The display is delivered in two pieces that can be mounted in no time.

Contents not included in delivery.



Poster Clamp Frame**83890**

The matching frame for a nice poster. The offered poster clamp frames are ideal for presenting posters hanging in a display window, on the wall or from the ceiling in the sales area. The frame, with its aluminum design, is easily mounted. Posters are quickly exchanged. They are held in place by a clamp mechanism. Suitable for DIN A1 posters (841 x 594 mm).

Outer dimensions of the frame:

H 922 x W 675 mm

**Poster Clamp Strip****83891**

Ideal when there is no time! The simple and stylish solution for attaching and hanging up posters up to 600 mm wide.

Poster clamp strips are especially suitable for advertising presentations during fairs and in office and sales areas. The poster clamp strip is attached easily and rapidly to the wall or the ceiling. All that is needed is a nail and a piece of nylon string.

One packaging unit consists of 2 poster clamp strips made of aluminum.

Total width of the clamp strip:

610 mm





Impression Preparation / Negative Mold Manufacture

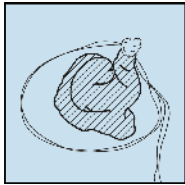
Exact preparation of the impression is important: A precise and comfortable fit of the earmold is dependent on the preparation efforts. The wax layer influences the seal and wearing comfort of the future earmold. Suitable equipment results in an efficient and economically manufactured negative mold: Tools and materials are used depending on the production output and production process. This leads to an optimum working process.

Impression Preparation	124 - 128
Negative Mold Manufacture	129 - 135

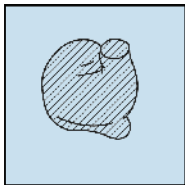
Description of Process – Preparing the Impression

- the first important step towards manufacturing a precision earmold
- the prepared impression is the key to success
- the wax coating influences the quality of the finished earmold concerning comfort and sealing
- is the basis for all earmold manufacturing processes

Please also consider our Cedis Profi product range for work safety, hand and skin care, which is part of our Cedis care program. For the complete product range, please see pages 68-73.



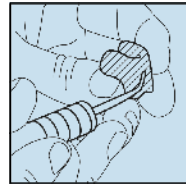
- 1.** Check the impression. Pay attention to exact application and the length of the auditory canal



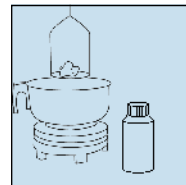
- 2.** Trim the auditory canal and cymba of the impression



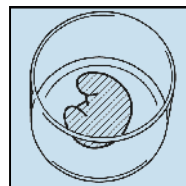
- 3.** Round all edges and interfaces and smooth surface gently



- 4.** Level irregularities, holes or scratches with correcting wax



- 5.** Apply a thin and even interlayer (wax or lacquer L)



- 6.** Place the impression securely in a duplicating flask/investment form suitable for the chosen manufacturing process

Electrical Wax Knife WAXER-NT Light, 230 V**61210**

Compact, powerful modeling unit with a light and easily manageable modeling handle including 2 tips and stand, for precise corrections of impressions using correcting wax. Adjustable temperature range: 50–225 °C (122–437 °F).

Output: 9 W

Working temperature: 50–225 °C (122–437 °F)

Weight: 0.75 kg

Dimensions: W 100 x D 160 x H 80 mm

Spare parts:

Tip, standard

Tip, knife-shaped

**61213****61214****Electric Wax Knife ECO, incl. correcting wax****61230**

Favorably-priced starter kit with 4 different modeling tips and a jar of egger correcting wax (REF 41300). Due to its steplessly adjustable temperature, the unit heats up quickly to the desired temperature of 50–350 °C (122–662 °F). Heat is controlled through the high-performance heating element and circuit.

Contents: wax station with iron, 4 different modeling tips, correcting wax, red, 70 g

Voltage: 230 V/50 Hz

Output: max. 10 W



Spare parts:

Modeling Awl

Modeling Blade

Modeling Spatula

Modeling Knife, bent

61232**61233****61234****61235****Correcting Wax red, 70 g****41300**

For correcting and refilling impressions e. g. by using an electrical wax knife.



Wax Immersion and Duplicating Device

Complete unit with electrical heating plate and lid for melting wax, adjustable thermostat with overheating protection.

230 V**65005**

Also available as a 115 V device.

Dimensions: Ø 150 mm

Weight: 1.2 kg

Capacity: 0.9 l

**Temperature Control TR4 for Wax Immersion and Duplicating Device**

Electronic controller for optimum control of the wax temperature. The temperature control ensures that the wax layers spread evenly during professional use. The built-in power control unit adjusts the heat demand for an optimum temperature and is equipped with a permanent actual temperature indicator. Set values to be programmed manually. It is equipped with a visual alarm for critical temperatures. Suitable for the wax immersion and duplicating device (REF 65005).

230 V**66250**

Also available as a 115 V device.

Dimensions: W 125 x D 180 x H 150 mm

Weight: 1.9 kg

Output: 16 A / 3500 W

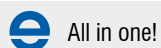
**Wax Immersion Kit Profi**

All in one!

Set at a favorable initial price. It consists of the temperature control unit TR4, the dipping sieve, the wax immersion and duplicating device with heating plate and the holder for the temperature sensor – perfect for working professionally with all types of dipping waxes.

230 V**66220**

Also available as a 115 V device.



Accessories for wax immersion and duplicating device:

Holder for Digital Thermometer 65007

Digital Thermometer 65002

For manual temperature control of wax and duplicating material.

Dipping Sieve 65004

Holds the impressions that are to be wax coated in the wax immersion device.



Immersion Wax, Special, green, 500 g 41201

Special wax composition for insulating the impressions. Universally suitable for A- and C-type silicone impression materials – results in an even and highly elastic wax film layer.

Recommended processing temperature 95 °C (203 °F).



Immersion Wax, Standard, pink, 500 g 41100

Wax sheets for insulating the impressions, also suitable for modeling the interlayer when counterimg.

Recommended processing temperature: 75 °C (167 °F).

**Lacquer L**

Air-drying silicone lacquer for the preparation of impressions for the manufacturing of negative molds with plaster or gel duplicating material.

In glass bottle incl. brush:

20 ml 37505

50 ml 37500

In aluminum bottle:

100 ml 37501

250 ml 37502

500 ml 37503

1000 ml 37506



Square Stone for Trimmer**49600**

For shaping trimmers and rubber polishers.

Trimmer, assembled

For executing alternations and corrections on silicone earmolds and impressions.

Pear-Shaped**77200****Pointed and Slim****77201****Mandrel****73600**

For polishing disc (REF 74200).

Soft Polishing Disc, green, unassembled, 10 pieces**74200**

For treating impressions in connection with mandrel (REF 73600).

**Scalpel with 1 Blade**, flat handle**45300****Spare Blades**, 5 pieces**46200****Universal Knife****45500**

For trimming impressions.

Spare Blades, 10 pieces**45502****Pencil for Marking Impressions****24100**

Description of Process and Summary of Possible Methods for Manufacturing Negative Molds or Blanks

Determine which earmold material is the right one for your customer.

The manufacturing process for the negative mold or blank is then derived from this decision.

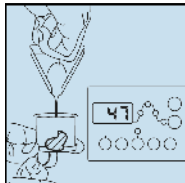
Different possibilities are available for combining the suitable negative mold material with the processing method of your choice. The following overview summarizes the possible combinations:

Negative mold material	Manufacturing process of earmolds					
	UV-polymerization	Cold polymerization of acrylics	Hot polymerization of acrylics	Silicone cold-curing	Silicone hot-curing	Advantages
Duplicating material gel or concentrate	X	X		X		reusable, high reproduction accuracy
Duplicating silicone transparent	X	X				shrink-proof, perfect for control forms, highly transparent > reduces polymerization time
Duplicating silicone pink		X				shrink-proof, also suitable for control forms
Plaster		X	X	X	X	extremely economical method in large numbers, suitable for hot-curing polymerizates

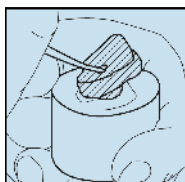
Manufacturing Negative Molds with Duplicating Gel



1. Prepare duplicating material and concentrate in the duplicating device EDG 1 in an automatic process

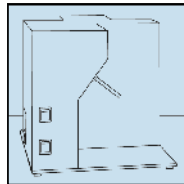


2. Fill investment form and let it cool down

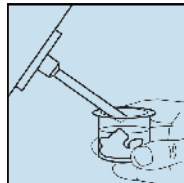


3. Remove impression after material hardens, free negative mold of wax residues

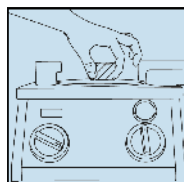
Manufacturing Negative Molds with Duplicating Silicone transparent / pink



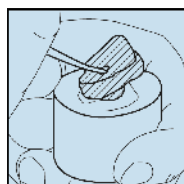
1. Mix components A and B evenly, either manually or using the mixing device ESG 2



2. Fill investment form

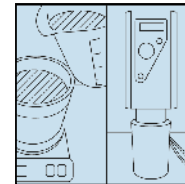


3. Put negative mold for approx. 15 minutes into pressure pot for bubble-free hardening (optional)

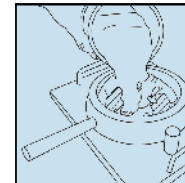


4. Remove impression, free negative mold of wax residues

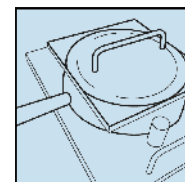
Manufacturing Negative Molds with Plaster



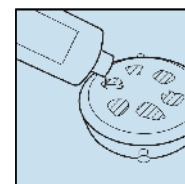
1. Mix plaster under vacuum



2. Fill plaster into investment form or Micropol flask



3. Let it harden for approx. 15 to 20 minutes



4. Remove impression, remove wax residues by boiling, let plaster form dry and insulate it with Isolat

Manufacturing Negative Molds with Duplicating Gel

The egger duplicating material is a proven negative mold material of a type of hydrocolloid. Due to its transparency, the material is especially suitable for processing with the light-curing technique. The material can also be used for processing acrylic cold polymerizates and silicone cold vulcanizing material. The material is characterized by its extremely high reproduction accuracy. It can be reused several times.

Duplicating Material

Ready-to-use material for processing in duplicating unit EDG 1 or in the small duplicating unit (REF 65005).

6 kg (bucket)

40900

Ready-to-use material for fast processing, e. g. in a microwave oven; suited for small numbers.

350 g (container)

40903

Duplicating Material (Concentrate)

We recommend mixing and processing the material in duplicating unit EDG 1. A mixture of the total volume with 1.5 l water produces about 5.3 kg. Due to a reduction in weight of 50 %, you save on cargo and handling.

3 l can

40909



egger Duplicating Device EDG 1

High-performance, compact duplicating device melts the reusable egger duplicating material. Due to its solid and durable design and low investment costs, the unit has become a standard device in professional laboratories. The powerful agitator melts duplicating material quickly and gently. It is ready for processing in no time. A micro-controller with 3 temperature sensors regulates all functions of the duplicating unit and registers the number of melting cycles thus checking the material's quality.

Recommended capacity: 2–5 kg.

230 V / 50 Hz

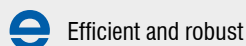
61760

Also available as a 115 V device.

Output: 1300 W

Dimensions: W 345 x D 285 x H 295 mm

Weight: 20 kg



Efficient and robust

Manufacturing Negative Molds with Duplicating Silicone

Duplicating Silicone transparent

Addition-vulcanizing casting silicone for manufacturing negative molds. The material's high-level transparency reduces the polymerization time compared to other materials. Especially suitable for the processing of UV-polymerizates or the manufacturing of ITE-control forms.

Mixing ratio 1 : 1

Final degree of hardness: approx. 17 shore

2 x 5 l Can	41001
2 x 1 l Bottle	41000
8 Cartridges (2 x 24 ml)*	41003

* Matching mixing canulas and inject pistol are listed in our chapter on Impression Taking Technique from page 86.



Duplicating Silicone, pink

Addition-vulcanizing casting silicone for manufacturing negative molds. Especially suitable for processing cold polymerizates.

Mixing ratio 1 : 1.

Final degree of hardness: approx. 15 shore

2 x 1 l Bottle	41801
2 x 5 l Can	41802



egger Silicone-Mixing Device ESG 2

Measuring and mixing device for automatic mixing of high-quality egger duplicating silicones. The optimized feed pump and the disposable static mixing canulas, that can be exchanged easily, ensure bubble-free and homogenic mixing of silicone components and therefore minimizing material consumption. The foot switch (included in delivery) makes the device easy to operate. Transparent refillable containers (material reservoirs) are also included. They can be refilled with silicone at any time.

Alternatively, the material refill containers can also be attached directly to the device. Please order quick-change devices separately.

230 V	54560
--------------	--------------

Also available as a 115 V device.

Dimensions: W 320 x D 350 x H 320 mm

Weight: 18 kg

Accessories:

Holder for 5 l cans	54504
Coupling Kit (1 pair) for 1 l bottles	54505
Coupling Kit (1 pair) for 5 l cans incl. connection hoses	54553

Mixing Canulas S 50, pink, 6.75 mm

Attachment for the egger silicone-mixing device ESG 2.

40 pieces	25151
100 pieces	25152



Pressure Pot

For manufacturing a bubble-free silicone negative mold, we recommend vulcanizing the material in a pressure pot. Further product information is available in our chapter on Polymerization of Acrylics from page 167.



Manufacturing Negative Molds with Plaster

Plaster Mixing Devices

We can offer you various designs of dosing and vacuum mixing units needed for mixing plaster.

Please request an updated offer for the model you require.



Plaster, Semi-Hard, 25 kg

41509

Plaster Accelerator, 1 kg

40300



Micropol 2000

When manufacturing a plaster negative mold, we recommend using the Micropol 2000. Further product information is available in our chapter on Polymerization of Acrylics from page 167.



Microwave Oven**64709**

For quick polymerization of ITE shells and earmolds and for vulcanizing silicone earmolds in the special Micropol duplicating flasks, steplessly adjustable up to 850 W. Turntable included.

Weight: 21 kg

Inner dimensions: W 290 x H 280 x D 200 mm

Outer dimensions: W 482 x H 284 x D 368 mm

**Lacquering Oven****68301**

For pre-heating the insulated plaster forms and for drying lacquer coatings; equipped with integrated time and temperature pre-selection.

Output: 1600 W

Weight: 13.2 kg

Inner dimensions: W 435 x D 250 x H 365 mm

Outer dimensions: W 585 x D 315 x H 405 mm

Operating temperature: max. 300 °C (572 °F)

**Auxiliary materials for manufacturing plaster forms****Isolat**

Alginate insulating agent for separating plaster forms from resins and silicones. Suitable for all acrylics and hot-curing materials.

1 l

39900

5 l

39901**Plaster Solvent**

For the thorough cleaning of all plaster mixing units and plaster-caked items.

1 l

40101

5 l

40100

Accessories for Manufacturing Negative Molds

Gasket Forms

Ø 26 mm, 25 pieces	55040
Ø 35 mm, 25 pieces	55041
Ø 40 mm, 25 pieces	55042

Bottom Parts for Gasket Forms

Ø 26 mm	55043
Ø 35 mm	55044
Ø 40 mm	55045



Investment Form, transparent, Ø 50 mm
With removable lid.

52900



Investment Form, transparent, Ø 50 mm
With 2 removable lids.

53000



Silicone Investment Form

Suitable for manufacturing negative molds of duplicating material, duplicating silicone or plaster.

Ø 5 cm	52100
Ø 11 cm	52300



Impression-Removing Instrument**46700**

For easy removal of impressions out of the negative mold.

**Adhesive Wax, red**

For fixing the isolated impressions in investment forms or on investment kits.

120 g**41104****1 kg****41102****Wax Knife**

For deburring the plaster form after removal of the impression.

small**45000****large****45100**



UV-Polymerization / Venting

Manufacturing earmolds and ventings using UV-polymerization for reliable product quality. Easy handling, efficient processing. UV-polymerization and venting have various and simple uses at low investment costs. Suitable for open fittings and BTE hearing aid systems, ITE shells and hearing protection.

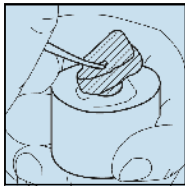
UV-Polymerization	138 - 144
Venting	145 - 149

Manufacturing Process – UV-Polymerization

One-component material on the basis of polyurethane/acrylate is used for working with the UV-polymerization technique for manufacturing earmolds.

Advantages:

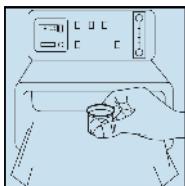
- *quality material available in transparent and pink-transparent for earmolds and in beige, flesh, red and blue for ITE shells*
- *special colorations are possible*
- *hard, impact-tough material*
- *also available as soft material (65 shore)*
- *also applicable for hearing protection*
- *modular system, therefore also suitable for small numbers of items*
- *clean and space-saving manufacturing process*
- *very tissue-friendly*
- *combinations (hard / soft) are possible*
- *reasonable cost-benefit ratio*
- *usable in the usual UV-curing units*



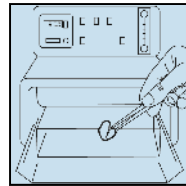
*Manufacturing of negative molds
from page 129*



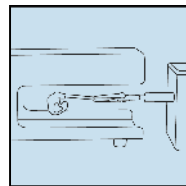
1. Fill the LP material into the transparent negative mold



2. Put the negative mold into the UV-curing unit EL 1, EL 1 plus N₂ or EL 2 for polymerization



3. Take the blank out of the negative mold for post-polymerization in the LP-Cleaner bath or under inert gas (nitrogen)



4. After shaping and finishing with special cutters (from page 172) varnish it with LP lacquers (see page 97)

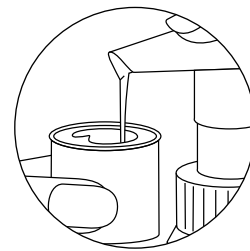
Materials and devices to set vents and for repairs see pages 145 - 149 and 96 - 105.

egger LP UV-Curing Materials

We offer high-quality UV-materials for manufacturing

- earmolds for BTE hearing systems and open fittings
- ITE shells
- hearing protection

The outstanding feature of our UV-materials are their color stability, i. e. the color pigments will not settle at the bottom. Additional mixing before use is no longer necessary. We guarantee you stable and continuous quality. With egger LP/HS we offer a special material formula that is highly suitable for manufacturing gracile earmolds and is used evermore with open fit hearing systems and ITE hearing aids. egger LP/HS draws attention due to its improved breaking strength when compared to the standard formulas.



egger LP/HS Impact-Resistant


Hard UV-polymerizates for the production of extremely fracture-proof BTE earmolds, ITE shells and hearing protection.

clear

150 g tube

30020 

600 g aluminum bottle


30022 

pink-transparent

150 g tube

30120 

600 g aluminum bottle

30122 



egger LP/H, Standard

Hard UV-polymerizates for the production of BTE earmolds, ITE shells and hearing protection.

clear


150 g tube

30000 

300 g aluminum bottle

30005 

600 g aluminum bottle


30008 

pink-transparent


150 g tube

30100 

300 g aluminum bottle

30105 

600 g aluminum bottle

30108 



Hard UV-polymerizates for the production of ITE shells

beige

150 g tube

30400 

300 g aluminum bottle

30405 

600 g aluminum bottle


30408 

flesh-colored

300 g aluminum bottle


29905 

600 g aluminum bottle


29908 

red


150 g tube

29710 

300 g aluminum bottle


29711 

600 g aluminum bottle


29720 

blue


150 g tube

29715 

300 g aluminum bottle

29716 

600 g aluminum bottle

29725 



egger LP Modeling Pastes

UV-curing modeling pastes in different colorations for repairing or modifying earmolds and for shaping vents are listed in our chapter on Services and Repairs see page 98 and Venting see page 146.

egger LP Lacquers

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 97.



egger EL UV-Curing Units

With the devices from our EL-series, we offer you individually designed modules for every kind of use. We also offer you the possibility of equipping your own otoplastics laboratory at low investment cost.

egger EL 2

The ideal first solution into setting up your own production! UV-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing operations. The interior space can hold up to 6 BTE earmolds. The integrated timer (precision: 1 second) and the light tubes, which are on two levels and individually switchable, let you set the curing times as needed. The device is equipped with two UVA light tubes and two blue fluorescent light tubes. The casing is made of high-quality, powder-coated metal.



The ideal first solution

230 V

51200

Also available as a 115 V device.

Output: 80 W

Dimensions: W 280 x D 240 x H 120 mm

Weight: 4.8 kg

Working surface: 160 x 110 mm

Accessories and spare parts for EL 2:

Maintenance Kit consisting of 2 UVA light tubes,
2 blue fluorescent light tubes and replacement reflectors

50141

Light Protection Lid, red

51202

Set of Reflecting Foils

51204

Countertop

51203



egger EL 1

Universally usable UV-curing unit for your laboratory operations. Light-curing unit for manufacturing BTE earmolds, hearing protection, ITE shells and for varnishing. The interior space can hold up to 8 BTE earmolds or 12 ITE shells. The integrated timer (precision: 1 second) and the light tubes, which are on three levels and individually switchable, let you set the curing times as needed for each step of production. The device is equipped with six UVA light tubes and four blue fluorescent light tubes. The casing is made of high-quality metal. A fan protects the unit from overheating.

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

230 V**51100**

Also available as a 115 V device.


Output: 180 W

Dimensions: W 280 x D 300 x H 210 mm

Weight: 9 kg

Working surface: 215 x 160 mm



 Universally usable

egger EL 1 plus N₂

The professional device for your laboratory operations! Same model as the standard device EL 1, but additionally equipped with a gas supply. Thus post-curing can be carried out in a work box under inert atmosphere (nitrogen). This technique prevents the formation of an inhibitory layer since no oxygen influences the polymerization operation. Therefore, the use of the LP-Cleaner can be eliminated and thus the manufacturing process is more efficient and less messy. Nitrogen is harmless if used properly, and it is obtainable in specialist shops. Gas supply to be installed by skilled specialists only!

Incl. 1.5 meter gas hose

Delivery includes the reflecting and removable metal plate which is used for varnishing operations. The matching varnishing holder kit can be ordered under REF 51207.

230 V**51110**

Also available as a 115 V device.

Output: 190 W


Dimensions: W 280 x D 300 x H 210 mm

Weight: 10 kg

Working surface: 215 x 160 mm

Gas pressure: up to 1.5 bar



 Professional

Accessories and spare parts for EL 1 and EL 1 plus N₂:

Maintenance Kit consisting of 6 UVA light tubes, 4 blue fluorescent light tubes and replacement reflectors	50142
Light Protection Lid , red	51102
Countertop	51103
Set of Reflectors	51104

Accessories and spare parts for EL 1 plus N₂:

Pressure Reducer for Gas Bottle , incl. 1.5 m gas hose	51113
Rectangular Container , especially for post-curing under inert gas	51114

egger EL 3

The proven light-curing unit egger EL 3 is suited for a number of uses in the acoustician shop, during home visits and in the otoplastics laboratory. Service operations can be executed immediately right in the shop – fast, efficiently, no lengthy preparation needed. So you can enjoy more independence while offering your customer the best possible service.

All possible uses and advantages at one glance:

- Repairs of BTE and ITE earmolds that are made of UV-polymerizates or other hard acrylates
- Minimizing or sealing ventilation bores
- Post-production attachment of retention points or a lip seal
- Modifications of vents on ITE earmolds
- Post-production varnishing ("glazing") of polished earmolds using LP/H lacquers – a preventive measure against skin irritation
- Partial build-up of earmolds to improve their seal
- Adhesive coating ("non-slip coating") using LP/W lacquers to improve an earmold's hold

The UV-curing unit egger EL 3 was designed especially for the above mentioned uses and is characterized by:

- no maintenance of device necessary
- both UV-light tubes can be exchanged quickly
- easy to operate
- powder-coated metal casing is easy to clean and maintain

**230 V****51300****Also available as a 115 V device.**Output: 30 WDimensions: W 100 x H 240 x D 100 mmWeight: 1.4 kgAccessories and spare parts for EL 3:**Maintenance Kit** consisting of

2 UVA light tubes and replacement reflectors

50140**Set of Reflecting Foils****51301**

Please also note our EL 3 Service and Repair Set. For more information please go to our chapter on Services and Repairs (see page 96).

Turning Motor for Varnishing Operations


The rotation ensures that the lacquer spreads evenly during the hardening process. Ideal for the use with the UV-curing unit egger EL 3.

Battery-Operated**230 V** (incl. power supply unit 3 V)**89300****89400**

egger EL 4

The professional device for your laboratory operations!

The proven UV-curing unit egger EL 4 can be universally used in otoplastic laboratories. It was especially developed to polymerize UV-curing resins such as lacquers and modeling pastes and is ideally suited for lacquering (glazing), modifications or repairs. The size of the polymerization chamber is large enough to process up to 25 earmolds and/or ITE shells in a single work step. The most used curing times of two to four minutes are pre-set. Thus a personal check on curing times is no longer necessary and the processing procedures will be even more comfortable. The surface polymerization is highly efficient due to the positioning of the six UVA light tubes and the reflecting finish of the unit's interior. The varnishing drawer's matching varnishing holder kit can be ordered under REF 51207.

 The professional varnisher

230 V**51205**

Output: 150 W

Dimensions: W 220 x H 300 x D 110 mm

Weight: 5.2 kg

Working surface: 190 x 160 mm

Accessories and spare parts for EL 4:

Maintenance Kit consisting of

6 UVA-light tubes and replacement reflectors

50143

Set of Reflecting Foils

51209

Varnishing Drawer

51208**Spare Light Tubes for egger EL UV-Curing Units**

UVA, 9 W (light color no. 78 or 10)

50103

Blue light, 9 W (light color no. 71 or 52)

50104

Please also note our favorably priced maintenance kits which are listed as spare parts with the UV-curing units.

**Accessories and Auxiliary Materials for UV-Polymerization**

Container for the second polymerization using LP-Cleaner suitable for the UV-curing units egger EL 1, EL 2 and EL 4

Round Container, Ø 50 mm, without lid

52800

Rectangular Container, (W 110 x H 55 x D 100 mm)

50107

Black Foil

Used especially for manufacturing ITE shells. It shuts out the UV-rays from the top during the first stage of the polymerization process.

Ø 2.5 cm, 100 pieces

53200

Ø 4.5 cm, 100 pieces

53100

**LP-Cleaner**

For the second polymerization of the sticky surface (inhibition layer) which forms during UV-polymerization due to the exposure to oxygen.

100 ml

31301

250 ml

31303

1 l

31300

5 l

31310

**Dispenser for egger LP/H Materials**

53400

With pump mechanism for an easy, mess-free and bubble-free dosage of LP materials, suitable for the 300 g and 600 g aluminum bottles.

Tubing can be modified to fit every bottle size.

**Dial Caliper (Precision Meter)**

44010

Special precision meter (caliper) to determine the wall thickness of ITE ear-molds.

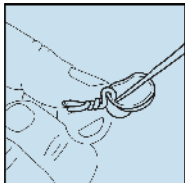


Manufacturing Process – Shaping Vents with egger LP Modeling Pastes

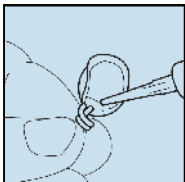
You will find all products you need for the shaping of vents in our extensive product range.

Advantages:

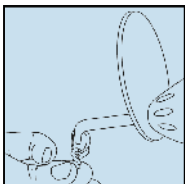
- *easy to process*
- *applicable for all standard UV-polymerizates as well as hard acrylates*
- *low investment costs*



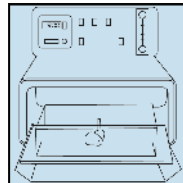
1. Position vent tube with wire



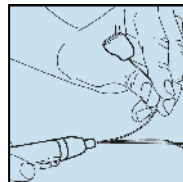
2. Cover vent tube with LP modeling paste



3. Harden LP modeling paste with light pistol and remove wire



4. Let the material harden completely in LP-Cleaner bath or under inert gas (nitrogen)



5. Glue face-plate, mark vent outlet opening using the vent ear light and open it with suitable drill (Drills from page 174)

Modeling Pastes

egger LP/H (hard)

Stable, pasty consistency for shaping vents for ITE shells. Colors match the corresponding basis materials of the earmolds.

Tube (20 g)

transparent	30800
beige	31000
flesh-colored	29800
red	29610
blue	29615



Cartridge Syringe (for dosing unit), 10 g

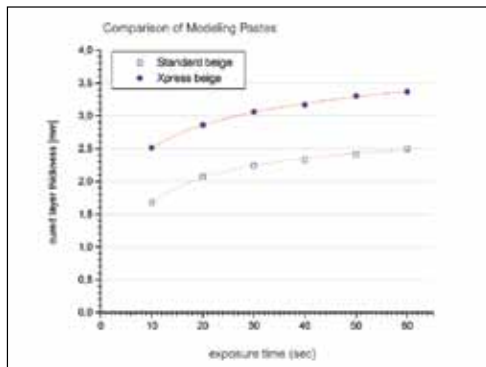
transparent	30850
-------------	-------



Xpress, beige

31020

Special formula, designed to correspond to the wave length of light pistols. The time needed for polymerization can be cut by up to 50 %!



Light Pistol Megalux CS

High-performance halogen UV-curing unit for the polymerization of UV-curing modeling pastes (e.g. Xpress) for shaping vents or executing repairs. Due to integrated program settings, curing time can be set to 20 or 40 seconds or continuous operation. Scope of delivery includes a small light guide. Its diameter of 3 mm is ideally suited for shaping vents. In addition, delivery contains the light safety shield and a spare halogen bulb 75 W.



230 V

51550

Also available as a 115 V device.

Output: 130 W

Spectral power distribution: 400–500 nm

Dimensions: W 160 x H 80 x D 220 mm

Spare parts:

Spare Light Guide, 3 mm

51552

Spare Halogen Bulb, 75 W

51503

Also suitable for Demetron and Optilux.



Modeling Instrument

For an easy modeling of UV-curing modeling pastes, e. g. for ventings in ITE shells.

31215



UV-Safety Goggles

Safety protection for the eyes, especially for working with the light pistol.

74701



Vent Tube with Wire, 1 m

For shaping vents in ITE shells.

- Ø 1.0 mm
- Ø 1.4 mm
- Ø 1.6 mm
- Ø 2.0 mm
- Ø 2.4 mm
- Ø 3.0 mm

- 92700**
- 92702**
- 92706**
- 92703**
- 92704**
- 92705**



Silicone Ventilation Tube, 1 m

An alternative to the inflexible vent.

Inner diameter	Outer diameter
0.8 mm	1.6 mm
1.0 mm	1.8 mm
1.2 mm	2.0 mm
1.5 mm	2.3 mm
2.0 mm	2.8 mm
2.5 mm	3.3 mm

- 92000**
- 92100**
- 92600**
- 92200**
- 92300**
- 92400**



Dosing Needle for Cartridge Syringes (10 g and 30 g)**Stainless Steel**, brown**53424****Flexible**, brown**53415****Cartridge Syringe**, empty

Cartridge syringes that are impervious to UV light, for manual dosing of egger LP modeling pastes in 20 g tubes. Perfect for easy dosing when shaping vents and modifying earmolds. Contents: Cylinder, hand piston, stopper and sealing cap.

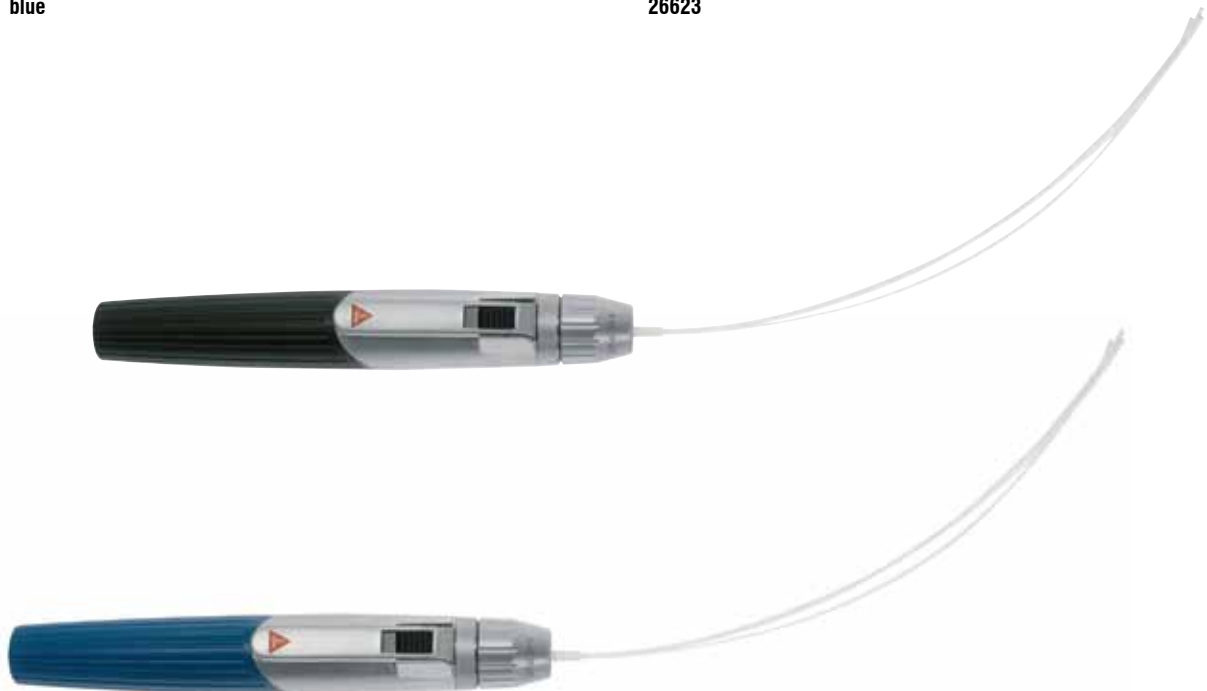
10 ccm**53428****35 ccm****53427****Vent Ear Light**

A practical tool for shaping vents!

Modified ear light with aluminum cap and three light guides in various sizes. By means of a light guide which is inserted into the vent, the exact drilling position on the face-plate can be determined. Great lighting due to the use of Xenon halogen lamp technology. Easy exchange of the individual light guides with an Allen key. Matching Allen key is included.



Convenient assistant

black**26611****blue****26623**

Accessories for vent ear lights:**Aluminum Cap for Vent Ear Light**

Light guide and Allen key included.

matches the model available from fall 2007

26915

matches the model available until fall 2007

26908**Light Guide, 1 m**

Ø 0.5 mm

26905

Ø 0.75 mm

26906

Ø 1.0 mm

26907**Vario-Venting Kit, transparent****78023**Contents:

3 different inserts, outer diameter: 1.4 mm

3 different inserts, outer diameter: 2.0 mm

3 different inserts, outer diameter: 2.5 mm

**PVV-Venting Kit, beige****78001**Contents:

5 different inserts, outer diameter: 3.0 mm





Silicone Technique

The technique for manufacturing high-quality, soft earmolds, hearing or splash protection earmolds has numerous possibilities. Choose from various colors and degrees of hardness. Whether you manufacture small or large numbers of earmolds: You choose the technique that suits your demands.

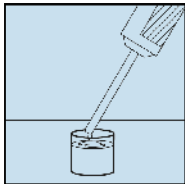
Silicone Technique – Cold Curing	154 - 156
Silicone Technique – Hot Curing	157 - 158
Accessories	159

Manufacturing Process – Silicone Technique – Cold Curing

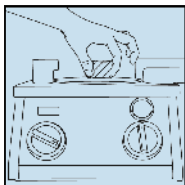
The proven technique with silicone cold-vulcanizing material egger flex/AB

Advantages:

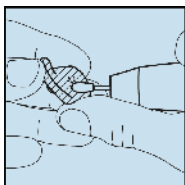
- *tensile, flexible silicone material*
- *available in different hardness degrees (shore), combinable with each other*
- *wide color selection*
- *egger AQUA and egger flex S-Pro for floatable splash protection earmolds*
- *suitable for earmolds and noise protectors*
- *low investment costs*
- *fast and flexible manufacturing process (no post-curing necessary)*
- *partially suitable for the direct adapting method (no negative mold necessary)*



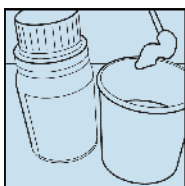
1. Fill egger flex/AB, AQUA, S-Pro with an inject pistol or an impression syringe into the negative mold



2. Cure material for about 15 minutes in a pressure pot



3. Take the blank out of negative mold and shape it with special egger EF-cutters (from page 176)



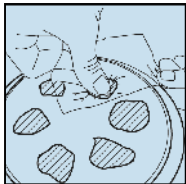
4. Varnish with hot-curing or air drying lacquer L, L nano (see page 97)

Manufacturing Process – Silicone Technique – Hot Curing

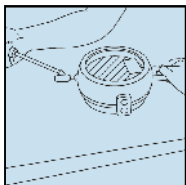
The versatile technique using the silicone hot-curing material egger flex

Advantages:

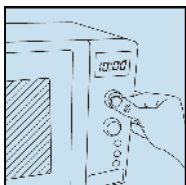
- *very tensile, flexible silicone material*
- *available in 30, 50, 70 shore (the lower the shore, the softer the material)*
- *wide color selection*
- *Catamaran for floatable splash protection earmolds*
- *for earmolds and hearing protectors*
- *notably economical in large numbers*



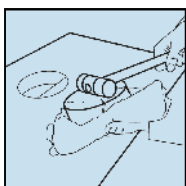
1. Fill the egger flex one-component material into plaster mold



2. Close the Micropol flask and fill it with compressed air



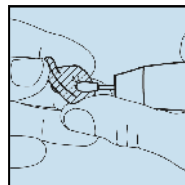
3. Cure material in microwave oven



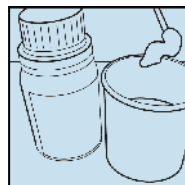
4. Take the blank out of flask



5. Temper the blank for approx. 8 hours in thermal oven at 170 °C (338 °F)



6. Shape the blank with special EF-cutters (from page 176)

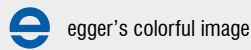


7. Varnish with hot-curing silicone lacquer H/II (see page 97)

Silicone Technique – Cold Curing

egger flex/AB

egger flex/AB is a high-quality and permanently elastic silicone for manufacturing tensile, soft-flexible BTE and noise protection earmolds. The different colors and shores are available and can be mixed with each other (e. g. for a soft auditory canal tip with a hard concha) egger flex/AB is usually processed with the indirect method using a negative mold (duplicating material or plaster). For a quick work process, we also offer the material with special formula for the direct use. Available colors: transparent and pink-transparent.



egger flex/AB materials, developed for the indirect use in the laboratory with prolonged processing and curing times. <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		25 shore	40 shore	60 shore
	reddish-transparent	REF 20801	REF 20810	REF 20741
	blue		REF 20704	
	red		REF 20703	
	colorless-transparent	REF 20735	REF 20818	REF 20740
	yellow		REF 20709	
	green		REF 20708	
	orange		REF 20719	
	beige		REF 20702	
	black		REF 20716	
	white		REF 20707	

egger flex/AB materials, especially developed for the direct method with shorter process and curing times. Also suitable for the indirect method in the laboratory. <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 hour)		
		25 shore	40 shore	60 shore
	reddish-transparent	REF 20701	REF 20700	REF 20705
	colorless-transparent		REF 20718	







For the necessary accessories, e. g. inject pistol, mixing canulas and more, please see our chapter on Impression Technique from page 86.



egger AQUA

egger AQUA is a floatable, elastic silicone for manufacturing splash and noise protection earmolds. The cold-curing material is extremely tensile and easy to use. egger AQUA is offered in different colors and can be used with the indirect method using a negative mold (duplicating material or plaster), as well as with the direct method.



egger AQUA, especially developed for the direct method with a shorter processing and curing time. Also suitable for the indirect method in the laboratory. <i>Packaging unit:</i> 8 double cartridges à 2 x 25 ml		Shore A (Final degree of hardness after 1 h)
		35 shore
	blue	REF 36952
	red	REF 36951
	red/blue – combination pack with 4 cartridges each	REF 36950
	yellow	REF 36957
	green	REF 36958
	orange	REF 36959



For the necessary accessories, e. g. inject pistol, mixing canulas and more, please see our chapter on Impression Technique from page 86.



egger flex S-Pro

egger flex S-Pro is a floatable, elastic silicone for splash and noise protection earmolds. The cold-curing material is very tensile and easy to use. Due to its extreme softness, the two components can be mixed easily. egger flex S-Pro is mixed manually and used in the egger impression syringe (REF 25500). The material can be used for the indirect method with a negative mold (duplicating material or plaster) or for the direct method.

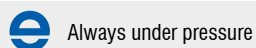


egger flex S-Pro, especially developed for the direct method with short processing and curing time. Also suitable for the indirect method in the laboratory.		Shore A (Final degree of hardness after 1 h)	
		40 shore	
		2 x 100 ml (Set incl. 1 pair of measuring spoons)	2 x 5 l
	blue	REF 36985	REF 36990
	red	REF 36986	REF 36991

For necessary accessories, e. g. impression syringe and more, please see our chapter on Impression Technique from page 90.












**Pressure Pots**

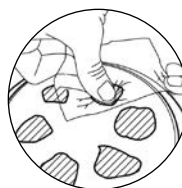
For manufacturing a bubble-free silicone earmold with the indirect method, we recommend vulcanizing the material in a pressure pot. For more information on these products, please see our chapter on Acrylics from page 167.



Silicone Technique – Hot Curing**egger flex/70**





Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 70 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/50.

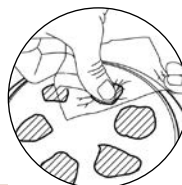
Color	0.1 kg	0.2 kg	0.5 kg	1.0 kg
 pink-transparent	36003	36000	36001	36002
 orange	35702	35701	35700	35709
 red	36402	36401	36400	36409
 blue	36502	36501	36500	36509
 dark-blue	35802	35801	35800	35809
 yellow	36602	36601	36600	36609
 lime green	36702	36701	36700	36709
 black	36802	—	—	—
 white	35302	35301	35300	35309
 purple	35102	35101	35100	35109
 pink	35602	35601	35600	35609

**egger flex/50, pink-transparent**

Kneadable one-component silicone material for manufacturing soft BTE and noise protection earmolds with a final degree of hardness of approx. 50 shore A. Suitable for vulcanization in the microwave or thermal oven. Combinable with egger flex/70.

0.1 kg
0.2 kg
0.5 kg
1.0 kg



36103 
36100 
36101 
36102 

**Microflex**

Addition-vulcanizing two-component silicone material with very soft composition for manufacturing permanently elastic BTE and noise protection earmolds with a final degree of hardness of approx. 30 shore A. Suitable for vulcanization in the microwave or thermal oven.







Mixing ratio A:B = 9:1

pink-transparent 1 kg + 10 ml hardener B
transparent 1 kg + 100 ml hardener B

35900 
35901 

**Microflex Colored, 500 g, component A (without hardener B)**

yellow
blue
green
black
white
red

35411 
35412 
35413 
35414 
35415 
35410 

Hardener B

100 ml
250 ml

35902
35420



Catamaran, 400 g, component A (without hardener B)

Addition-vulcanizing two-component silicone material for manufacturing very soft-elastic, floatable splash protection and sound-absorbing earmolds. Suitable for hot-vulcanization in the microwave or thermal oven.

Mixing ratio A : B = 8 : 1

red

36928



blue

36922



yellow

36917



Hardener B, 100 ml

36906

**Vacuum Mixing Units**

On request we will be pleased to submit to you our offer on our vacuum mixing units, for mixing Microflex or Catamaran, with the most recent technical performance.

**Vulcanization**

For the pressure polymerization unit "Micropol" and corresponding microwave needed for the curing process, please see our chapter on Acrylics see page 168/169.

**Thermal Oven UNB 100**, 230 V

61010

For curing, tempering and varnishing silicone earmolds. High-quality case of stainless steel. Individually adjustable temperature scale from 30 °C (86 °F) up to 220 °C (428 °F).

Output: 600 W

Dimensions: W 470 x D 325 x H 6520 mm

Inner dimensions: W 320 x D 175 x H 240 mm

Weight: 20 kg

**Lacquering Oven**

68301

For pre-heating the insulated plaster forms and drying lacquer coatings, incl. time and temperature selection.

Output: 1600 W

Inner dimensions: W 435 x D 250 x H 365 mm

Outer dimensions: W 585 x D 315 x H 405 mm

Weight: 13.2 kg

Operating temperature: max. 300 °C (572 °F)



Accessories for the Silicone Technique

Cold and Hot Curing

egger Silicone Lacquers

We offer a variety of silicone lacquers for different application fields. Please see our detailed overview in chapter Service and Repairs on page 97.



Grip Stencil Set

36899

Grip stencil for producing grip hollows on silicone earmolds, especially suited for hearing protection and splash protection earmolds. Can be used with the indirect and direct method for silicone cold-curing materials.

Set includes a small (Ø 12 mm) and a large grip stencil (Ø 15 mm).



Mold Plate for Manufacturing Handles on Silicone Earmolds

36909

The mold plate facilitates shaping handles for splash or noise protection earmolds. Thus, time and effort are reduced in manual processing. Usable for hot-curing silicone material as well as for the indirect method with cold-vulcanizing materials.



Place Marker for Snap Ring or Connecting Spring in Silicone Earmolds

90902

For putting into the liquid silicone material to facilitate further elaboration. Suitable for cold-curing and hot-curing silicone materials.





Acrylic Technique

Acrylic – a favorably priced and versatile material for manufacturing earmolds. Manufacturing earmolds using the cold polymerization procedure is a proven technique for successfully and efficiently manufacturing BTE earmolds, hearing protection and ITE shells of acrylics. In addition, the cold polymerization technique makes producing colored earmolds possible. Hard or soft, slightly colored or completely transparent – with the hot polymerization of acrylics, you can manufacture all kinds of earmolds. Hard and soft materials can also be combined. Using pressure and heat, earmolds with a high degree of hardness can be generated.

Manufacturing Process – Cold Polymerization of Acrylics

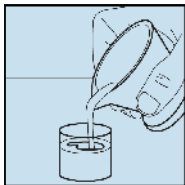
For the technique of cold polymerization, egger Acryl/B polymerizate is used.

Advantages:

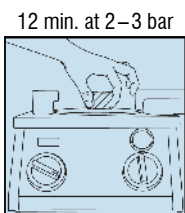
- *impact-tough material*
- *available in pink-transparent, transparent and beige*
- *suitable for the manufacturing of BTE earmolds, noise protection and ITE shells*
- *colorful designs are possible*



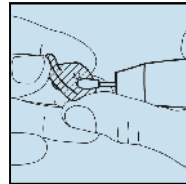
- 1.** Mix monomer and polymer (powder) to a ratio of 1:2 and add color concentrate if desired



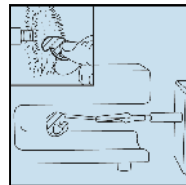
- 2.** Cast the mixed acrylate into the negative mold



- 3.** Harden the acrylate bubble-free in the pressure pot



- 4.** Take the blank out of the negative mold and shape it with special cutters (from page 173)



- 5.** Polish the surface (see page 176/178) or varnish it with LP lacquers (see page 97)

Manufacturing Process – Hot Polymerization of Acrylics

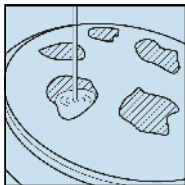
For this particular process different materials can be used. Polymerization usually occurs in the Micropol flask. The pressure pot Polymat now offers another possibility.

Advantages:

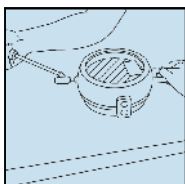
- *high degree of hardness*
- *available in pink-transparent, transparent and flesh-colored*
- *highly transparent after polishing*
- *suitable for manufacturing hard and soft, as well as combined earmolds (soft auditory canal, hard concha)*
- *notably economical in large numbers*



1. Mix monomer and polymer (powder) according to indicated mixing ratio

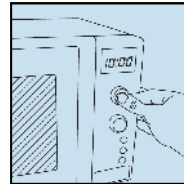


2. Cast the mixed acrylate into the plaster mold of the Micropol flask



3. Close the Micropol flask and fill it with compressed air

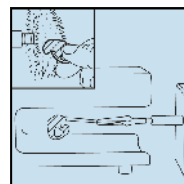
10 min. at 700 W



4. Let the material polymerize in the microwave for approx. 10 minutes



5. Take the blank out of the negative mold and shape it with special cutters (from page 173)



6. Polish the surface (see page 176/178) or varnish it with LP lacquers (see page 97)

egger Acryl/B

Cold polymerizing acrylic material for the manufacturing of hard, fadeless earmolds. Free of amine and cadmium. Polymerization under pressure at a minimum of 2 bar and a maximum of 6 bar and at a temperature of 40–45 °C (104–113 °F). Polymerization time: 12 minutes.

Mixing ratio:

1 part monomer : 2 parts polymer

egger Acryl/B Monomer (Liquid):

250 ml **33501**

500 ml **33500**

egger Acryl/B Polymer (Powder)**transparent**

0.5 kg **33000**

pink/flesh-colored

0.5 kg **33100**

beige

0.5 kg **32800**

5 kg **32801**

**Fricotherm**

Hot polymerizing acrylic material for the manufacturing of high-quality hard earmolds by means of the microwave technique. Polymerization at a pressure of 7 bar in the Micropol 2000. Polymerization time: 10 minutes.

Mixing ratio for 10 earmolds: 28 g monomer : 50 g polymer

Fricotherm Monomer (Liquid):**clear**

1 l **33400**

5 l **33401**

pink

1 l **33300**

5 l **33301**

flesh-colored

1 l **33903**

Fricotherm Polymer (Powder), colorless:

1 kg **33200**

5 kg **33201**

10 kg **33202**



Varioflex

Hot polymerizing acrylic material for the manufacturing of soft, with body temperature smooth acrylic earmolds for the microwave technique. Combined earmolds (soft auditory canal, hard concha) possible by combining with Fricotherm. Polymerization at 7 bar pressure in Micropol 2000. Polymerization time: 10 minutes.

Mixing ratio:

1 part monomer : 1 part polymer

Varioflex – Monomer II (Liquid):

1 l transparent **34102**

1 l pink **34101**

Varioflex – Polymer (Powder):

1 kg (colorless) **34100**

**Color Concentrate, liquid, 100 ml**

For manufacturing hard, colored earmolds of acrylic cold polymerizates.

red **33790**

green **33791**

yellow **33792**

black **33793**

blue **33794**

**Dispenser Bottles for Liquids**

Bottles of transparent plastic for easy dosage, especially for monomer liquids.

250 ml **47000**

500 ml **47100**

1000 ml **47200**

**Dispenser Bottle for Polymer, 250 ml****46800**

For storing and dosing of polymers.



Measuring Beaker

Plastic beaker with scale for dosing monomer materials.

25 ml	48300
50 ml	48400
100 ml	48500

**Mixing Cup**

Cup of flexible silicone for mixing monomer and polymer components. The 30 ml and the 70 ml cups are equipped with a practical pouring spout.

5 ml	47800
30 ml	47900
70 ml	47700

**Mixing Spatula**

For mixing synthetic components.

small	26000
large	26100

**Digital Timer**

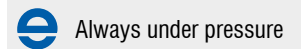
Handy timer for the exact observation of curing times of ITE shells.





68601



Application of Pressure Polymerization Units

The following table gives you an overview of pressure pots and their possible application fields.



Manufacturing step	Material	Units			
		 Aquapress	 Acrylmat	 Polymat	 Micropol 2000
Negative mold of...	Duplicating silicone	X	X	X	
	Plaster				X
Manufacturing the blank of...	Cold-cure acrylics	X	X	X	
	Hot-cure acrylics			X	X
	Cold-cure silicone	X	X	X	
	Hot-cure silicone				X

Aquapress

49800

Pressure pot, manually operated and easy to handle. No compressed air and electricity supply required. Pressure up to 3 bar is generated by hand spindle.

Pot diameter: 100 mm

Operation temperature: up to 50 °C (122 °F)

Spare parts for Aquapress:

Spare Pot

49805

Thrust Piece (black) for hand spindle

49806

Sealing Ring

49802



Acrylmat Pressure Pot**53600**

Polymerization pressure pot, incl. compressed air outlet. Pressure up to 2.2 bar, max. operating temperature 50 °C (122 °F) for hardening silicone negative molds and polymerizing cold-curing acrylics. Compressed air supply required.

Inner diameter: 200 mm

Capacity: 4 l

Spare Sealing Ring for Acrylmat

53603**Polymat, 230 V****54200**

A pressure polymerization unit for the professional laboratory! Due to the amplified temperature range up to 120 °C (248 °F), cold-curing and hot-curing acrylics can be processed quickly. Also suitable for the manufacturing of bubble-free negative molds of silicone. The curing process of the material can be adjusted by stepless electronical temperature control as well as pressure (3–6 bar) and time (up to 60 min.) control. The outer heater is very durable and facilitates the cleaning of the corrosion-resistant stainless steel pressure pot. Water is withdrawn by a drain. A high safety level is provided by a pressure controller, pressure relief valve, pressure switch, temperature limiter and safety interlock. Electricity and compressed air supply required.

Pot diameter: 220 mm

Dimensions: W 380 x D 330 x H 330 mm

Inner height of pot: 190 mm

Weight: 12 kg

Heating output: 1500 W

**Micropol 2000****64300**

Pressure polymerization unit of chrome-hardened stainless steel for manufacturing earmolds (hard/soft, acrylics and silicones) by the means of microwave energy.

Air Charger**64706**

Accessories:

Investment Kit for BTE Earmolds

64302

Cellophane Foil, 500 pieces

64304

Screwdriver for Valve

64306

Spare parts:

Rubber Membrane (Micropol 2000)

64310

Rubber Ring for Security Pane, grey

64309

Spare Valve

64205

Valve Insert

64204

Microwave Oven for Micropol**64709**

For the quick polymerization of ITE shells and earmolds as well as for the vulcanization of silicone earmolds in the special Micropol flasks.

Voltage: 230–240 V

Output: 850 W

Outer dimensions: W 482 x H 284 x D 368 mm

Weight: 9.5 kg

**Plaster Pliers****44000**

For removing earmolds out of the plaster negative molds.

**egger LP Lacquers**

Numerous UV-curing lacquers for various uses are described in a detailed list in our wide selection of lacquers in the chapter on Services and Repairs see page 97.








Shaping and Surface Polishing

Precision tools can execute delicate operations on the earmold. Thus the earmold becomes comfortable to touch and wear. Specialty tools and polishing agents facilitate the perfect finish of surfaces. egger special tools are suited to meet the requirements of the different earmold materials. The result: The work on the earmold is easily executed and produces high quality results.

egger Offers the Right Tool for Every Material.

The egger specialty tools provide a high-quality manufacturing result! The following table will help you choose the drills and cutters that are right for you, so you will be able to quickly find the tools you are looking for in egger's wide product range!



	Toothing		
			
Material	x-cut from page 173	plain cut from page 174	cross cut from page 176
hard UV-polymerizate	X	X	
hard acrylic material	X	X	
soft UV-polymerizate			X
soft acrylic material	X		
silicone			X

All of our offered tools have a shank of 2.35 mm in diameter.

The disinfectant products of our *Cedis Profi* product range are also suitable for use during the reworking of earmolds. For the complete *Cedis Profi* product range, please see pages 68 - 73.

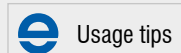
Giving You the Right Tool for Every Need: Drill Sets.

They will provide you with all the necessary tools needed for the shaping of both, hard and soft earmold materials.

Profit from our favorably priced sets!

The know-how of our experienced lab is knowledge you can trust.

Usage and Safety Information for the Operation of Rotating Tools:



- Insert instrument as deeply as possible.
- Avoid jamming or levering the instrument.
- Discard bent, damaged or not properly functioning instruments.
- Observe recommended operating speed (see product description). If operating speed is exceeded, safety risk increases.
- To avoid damaging tools, do not apply too much pressure while working with the instrument.
- Use personal protective equipment.
 - Respiratory protection: Ventilation (from page 191)
 - Eye protection: Snug-fitting safety goggles (from page 186)
 - Hand protection: Suitable protective gloves (from page 187) or skin protection products
- Please clean the collet chuck of the hand piece regularly, at least once a week

Hand cleansing and skin care products are available from page 68.

Drill Set for Hard Earmold Materials

70060

Drill set for shaping hard earmold materials. It is also suitable for soft, hot-curing polymerizates. This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

- 1 x REF 72900: Carbide Cutter, 4.0 mm
 - 1 x REF 72800: Carbide Cutter, 6.0 mm
 - 1 x REF 76501: Carbide Cutter, ball-shaped, 5.0 mm
 - 1 x REF 76502: Carbide Cutter, ball-shaped, 8.0 mm
 - 1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
 - 1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
 - 1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
 - 1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
 - 1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
 - 1 x REF 70200: Bur, round, 2.5 mm
 - 1 x REF 70300: Bur, round, 2.9 mm
 - 1 x REF 73100: Sand Paper Holder, short
- Please consider each tool's maximum operating speed!



Drill Set for Soft Earmold Materials

70070

Drill set for shaping soft earmolds (Silicone). This set gives you a great price advantage opposed to purchasing the drills separately!

Contents:

- 1 x REF 77200: Trimmer, pear-shaped
 - 1 x REF 76300: EF-Cutter, pointed, 4.0 mm
 - 1 x REF 76000: EF-Cutter, ball-shaped, 4.0 mm
 - 1 x REF 71400: EF-Cutter, ball-shaped, 7.0 mm
 - 1 x REF 71200: EF-Cutter, round bur, 1.4 mm
 - 1 x REF 72200: EF-Cutter, round bur, 2.9 mm
 - 1 x REF 76600: Twist Drill, cylindrical, 0.8 mm
 - 1 x REF 72300: Twist Drill, cylindrical, 1.0 mm
 - 1 x REF 72400: Twist Drill, cylindrical, 1.4 mm
 - 1 x REF 76700: Twist Drill, cylindrical, 2.0 mm
 - 1 x REF 77000: Twist Drill, cylindrical, 2.5 mm
 - 1 x REF 73100: Sand Paper Holder, short
- Please consider each tool's maximum operating speed!



Carbide Cutter

Staggered toothing cutter for working on hard acrylics, also suitable for soft hot-polymerizates. Carbide tools are characterized especially by their high durability, stability and efficient work performance.

Please consider maximum operating speed:

- Diameter: 2.3–4.5 mm 40000 rpm
- Diameter: 4.5–8.0 mm 30000 rpm

Carbide Cutter

Ø 2.3 mm

76400

Carbide Cutter

Ø 4.0 mm

72900

Ø 5.0 mm

77500

Carbide Cutter, pointed

Ø 6.0 mm

72800

Carbide Cutter, cylindrical

Ø 6.0 mm

72700

HM Face-Plate-Trimmer

Ø 2.3 mm

76900

Carbide Cutter, ball-shaped

Ø 5.0 mm

76501

Ø 6.0 mm

76500

Ø 8.0 mm

76502



Left-Turning Carbide Cutters

Suitable for left-handed people, to be used with counter-clockwise control units. Please consider maximum operating speed of 30000 rpm!

Carbide Bur, round

Ø 0.8 mm	76509
Ø 1.4 mm	76510

Carbide Cutter

Ø 2.3 mm	76511
----------	-------

Carbide Cutter

Ø 4.0 mm	76512
----------	-------

Carbide Cutter, fine-toothed

Ø 4.0 mm	76513
----------	-------

Carbide Cutter

Ø 6.0 mm	76515
----------	-------



Twist Drill, cylindrical

Please consider maximum operating speed of 30000 rpm!

Ø 0.6 mm	72100
Ø 0.8 mm	76600
Ø 1.0 mm	72300
Ø 1.2 mm	72500
Ø 1.4 mm	72400
Ø 1.6 mm	72510
Ø 2.0 mm	76700
Ø 2.35 mm	72600
Ø 2.5 mm	77000
Ø 2.9 mm	76800



Twist drill, short (7.5 mm cutting surface)

Please consider maximum operating speed of 30000 rpm!

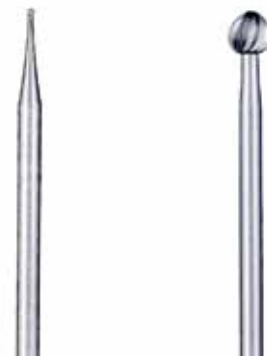
Ø 0.5 mm	72610
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Steel Cutters with Plain Cut

Bur, round

Please consider maximum operating speed of 30000 rpm!

Ø 0.8 mm	70001
Ø 1.0 mm	70002
Ø 1.2 mm	70003
Ø 1.4 mm	70000
Ø 1.8 mm	70004
Ø 2.1 mm	70100
Ø 2.3 mm	70006
Ø 2.5 mm	70200
Ø 2.9 mm	70300
Ø 3.1 mm	70005
Ø 3.5 mm	70400
Ø 4.0 mm	70500
Ø 4.7 mm	75200



Cutter, ball-shaped

Please consider maximum operating speed of 20000 rpm!

Ø 5.0 mm

75300

Ø 6.0 mm

73700

Ø 7.0 mm

70600**Cutter, pear-shaped**

Please consider maximum operating speed of 30000 rpm!

Ø 4.0 mm

75500

Ø 6.0 mm

70800**Cutter, cylindrical**

Please consider maximum operating speed of 30000 rpm!

Ø 5.0 mm

75100

Ø 6.0 mm

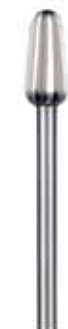
75700**Cutter, pointed**

Please consider maximum operating speed of 30000 rpm!

Ø 4.0 mm

70900

Ø 5.0 mm

71000**Cutter, oval**

Suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.

Please consider maximum operating speed of 20000 rpm!

Ø 6.0 mm

75900

Ø 7.0 mm

75401

Ø 8.0 mm

70700

Positioning Bur for Snap Ring, 8.0 mm

Please consider maximum operating speed of 20000 rpm!

73300**Trimmer, assembled**

For shaping and finishing silicone earmolds and impressions.

Please consider maximum operating speed of 40000 rpm!

pear-shaped**pointed and narrow****77200****77201****Square Stone**

For shaping trimmers and rubber polishers.

49600**EF-Cutter**

For working on silicone earmolds, e.g. made of egger flex (EF) silicone materials. Also suitable for soft UV-materials (LP/W).

EF-Cutter, ball-shaped

Please consider maximum operating speed of 40000 rpm!

Ø 4.0 mm

Ø 5.0 mm

Ø 7.0 mm

76000**76100****71400****EF-Bur, round**

Please consider maximum operating speed of 40000 rpm!

Ø 1.0 mm

Ø 1.4 mm

Ø 1.8 mm

Ø 2.3 mm

Ø 2.9 mm

71100**71200****75800****71300****72200**

EF-Cutter, cylindrical

Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm

71700

Ø 6.0 mm

71800

The following EF-cutters are especially suited for the shaping of grip handles or cerumen hollows or for use in the cymba area.

EF-Cutter, oval

Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm

71500

Ø 6.0 mm

73900

Ø 8.0 mm

71600**EF-Cutter, pear-shaped**

Please consider maximum operating speed of 40000 rpm!

Ø 5.0 mm

76200

Ø 6.0 mm

71900**EF-Cutter, pointed**

Please consider maximum operating speed of 40000 rpm!

Ø 4.0 mm

76300

Ø 5.0 mm

72000**Grinding Sleeve Holder and Grinding Sleeves**

For shaping and finishing silicone earmolds

Please consider maximum operating speed of 30000 rpm!

Grinding Sleeve Holder large**49201****Grinding Sleeve Holder** small**49200****Grinding Sleeves** large (Ø 8 mm)**49301****Grinding Sleeves** small (Ø 6 mm)**49300**

Sand Paper Holder

Please consider maximum operating speed of 20000 rpm!

short
conical**73100**
73000**Corundum Paper**Orange, grinding, sharp-edged grit
Width: 15 mm, roll length: 50 m**180 grit, coarse**
220 grit, fine**40704**
40602**Abrasive Cloth**

Brown, grinding, sharp-edged grit. Due to the grit size, the abrasive lasts longer.

Width: 15 mm, roll length: 50 m

120 grit, coarse
220 grit, fine
320 grit, extra fine**40606**
40607
40605**Polishing Disc, assembled** – for the hand piece

Ø 20 mm, for repolishing.

Please consider maximum operating speed of 10000 rpm!

leather
flannel
wool**74100**
74000
74101**Polishing Paste P3, 60 g****49700**

Dry polishing agent for mirror-polishing of acrylic earmolds. For the use with polishing disc.

**Rubber Polisher, grey**

For fine grinding of hard acrylics.

Please consider maximum operating speed of 10000 rpm!

Pointed, assembled
Cylinder, assembled
Cylinder, not assembled (for mandrel REF 73500)
Disc, not assembled (for mandrel REF 73600)**49402**
49401
49400
49500

Mandrel for Rubber Polisher (REF 49500)

Please consider maximum operating speed of 30000 rpm!

73600

Mandrel for Rubber Polisher (REF 49400)

Please consider maximum operating speed of 30000 rpm!

73500

Drill Stand with Fold-Away Lid

Practical storage stand for up to 23 drills. Due to the fold-away lid this stand can be taken anywhere.

74611

Tool Stand

Practical storage stand for up to 24 drills. Made of high-quality multiplex material (birch).

74610

Magnetic Rack
74600




Laboratory Equipment and Furniture

High-performance devices for work operations in the laboratory. The machines are specialized in their tasks. Easy to maintain, available with all the necessary accessories. The protection products are designed to meet the special requirements and increase the workplace safety and protect your health. Thus they are an important element for sustainable success. For professionals, by professionals. Ergonomic furniture in modular units for the entire laboratory: Practical workbenches that contain everything you need, friendly lighting that makes concentrated and precise working over longer periods possible, and efficient suction systems for a clean atmosphere.

Laboratory Equipment	182 - 190
Laboratory Furniture	191 - 197

Technical devices

Perfecta 300

Technical unit with hand piece and control unit. Equipped with a powerful motor and a high maximum torque (5.5 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit with a favorable cost-performance is available as foot-operated or bench-top model and on special request also as knee-controlled version!

Foot-Operated Model

230 V

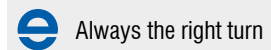
55242

Also available as a 115 V device.

Scope of delivery:

control unit, motor hand piece and hand piece rest
operating speed range: 1000 to 40000 rpm, collet chuck Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element.



Control Element for MF-Perfecta 300

55243

All settings are made with this control element, e.g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.



Bench-Top Device, including control element

230 V

55240

Also available as a 115 V device.

Scope of delivery:

control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element
operating speed range: 1000 to 40000 rpm, collet chuck: Ø 2.35 mm

Max. torque: 5.5 Ncm

Hand piece length: 138 mm

Hand piece weight: 320 g



Perfecta 600

Technical unit with hand piece and control unit. The Perfecta 600 is equipped with an integrated blowing out function. By pressing a button, the hand piece can be freed from excessive material particles (compressed-air supply required!). Equipped with a powerful motor and a high maximum torque (7.8 Ncm). The brushless and maintenance-free engine runs extremely silent and reduces vibrations to a minimum. Suitable for all work areas and types of material. Reversible left-right rotation. The technical unit is available as foot-operated or bench-top model and on special request also as knee-controlled version!

**Foot-Operated Model
230 V**

Also available as a 115 V device.

Scope of delivery:

control unit, motor hand piece and hand piece rest; operating speed range of 1000 to 50000 rpm, collet chuck: Ø 2.35 mm

Optionally, the foot-operated model can be equipped with a separate control element to make adjustments and settings, e. g. activating the reverse operation mode. Functions and operating conditions such as the current speed are constantly in sight on the display. This saves space and improves safety and comfort.

Control Element for MF-Perfecta 600**Bench-Top Device, including control element
230 V**

Also available as a 115 V device.

Scope of delivery:

control unit, pedal, control element, hand piece and hand piece rest, wall holder for control element; operating speed range of 1000 to 50000 rpm, collet chuck: Ø 2.35 mm

Max. torque: 7.8 Ncm

Hand piece length: 138 mm

Hand piece weight: 350 g



... and they keep on turning



55247



55248



55245

KaVo K5plus

Light-weight and ergonomically shaped hand piece for a comfortable work experience without fatigue. The ball bearings and collet chuck can be exchanged easily, the front ball bearing is protected against dust.

**Foot-Operated Model
230 V**

Also available as a 115 V device.

On special request also available as knee-controlled version.

Scope of delivery:

Includes hand piece and hand piece rest.

Pre-selectable speed: 1000–35000 rpm (clockwise rotation), max. torque 4.5 Ncm, collet chuck Ø 2.35 mm

Max. torque: 4.5 Ncm

Hand piece length: 149 mm

Hand piece weight: 216 g (cable 103 g)



55250



Accessories for KaVo

Cover for KaVo handpieces	55238
Protective cover is suitable for all K-hand pieces	
Care kit for K4/K5/K12/K9 – hand pieces with brush	55007

Technical Unit MIO MR 230 **55070**

The technical unit for in between.

Suitable for the shaping of hard acrylic as well as soft silicone materials in small quantities with a good price-performance ratio. Compact, very light-weight and ergonomically shaped hand piece with micro-motor for a comfortable work experience without fatigue. Simple handling. Freely adjustable speed counter range of 3000–35000 rpm. Reversible right-left run. The ball bearing of the hand piece is protected against dust by a dust protective mechanism. Electronically controlled smooth starting of the unit. Including overload protection with automatic motor shut-off. The technical unit can be used without switch-over for mains voltage from 100–240 V.

Scope of delivery:

Control unit with micro-motor hand piece, hand piece rest and foot pedal.

Rpm range: 3000–35000 rpm

Hand piece length: 143 mm

Hand piece weight: 190 g

Max. torque: 3.0 Ncm

**Mini Control Unit with Case**

Mobile unit – ideal for home visits. Only suitable for refinishing operations.

230 V **55600**

Also available as a 115 V device.

Rpm range: 2000 to 12000 rpm

Weight: 1.6 kg

**Polishing and Grinding****Polishing Motor PM 2200**

High-performance, durable motor, silent-running and maintenance-free machine, slip-resistant stand due to its considerable dead weight, 2 different speeds possible (1500 und 3000 rpm.). Delivery includes 2 spindles.

230 V **60000**

Also available as a 115 V device.



We will be pleased to also offer you a polishing box with integrated suction unit and lighting. Please ask us for an offer on our current model.



SU Polishing Trough

Hard rubber tray for collecting polishing abrasives and abrasive dusts, incl. height-adjustable window of safety glass and connecting branch for suction.

60100Accessories:**Insert Tray****60102****Adapter** for suction hose**60103**Accessories for polishing motor:**Buffing Wheel**

Suitable for wet polishing with Steribim and dry polishing agents.

with Plastic Center, Ø 100 mm**48001****with Leather Center, Ø 100 mm****48000****Buffing Wheel, flannel**

For high gloss polishing with polishing paste P3.

with Plastic Center Ø 100 mm**48002****Abrasive Stone, red - for polishing motor**

For an efficient finishing of blanks. Abrasive stone holder necessary!

Ø 85 mm**77100****Abrasive Stone Holder****left side****60201****right side****60202****Abrasive Wheel for Polishing Motor****681180**

For the face grinding of shells for ITE hearing aids, including 2 spare grinding discs, 180 grit.

Spare Grinding Discs for Abrasive Wheel, 2 pieces**180 grit****68105****120 grit****68155**

Polishing motor not included in delivery.



NEW – Frontal grinder

Especially suitable for plane-grinding ITE shells for ITE hearing aids. Powerful motor and operation without vibration. Abrasive wheels are adhesive and can be removed effortlessly after use. Includes pipe nozzle for connecting the device to a suction hose for a dust-free work process. Includes 2 grinding wheels each of grit 150 and 240.

Spare parts:

Abrasive wheels, grit 150, 5 pieces

Abrasive wheels, grit 240, 5 pieces

68130**68131****68132****Wet Polishing Agent**

Steribim – germicidal pumice paste, gives acrylic earmolds a silky shine.

1 kg (2 x 500 g)

10 kg

49000**49001****Dry Polishing Agent**

Polishing paste P3 – Dry polishing agent for mirror-polishing of acrylic earmolds.

60 g

49700**Products for Work Safety**Eye protection**Safety Goggles**

With a solid, light-weight nylon frame and length-adjustable temples for a good fit. The glasses remain mist-free, are chemical- and UV-resistant as well as anti-static.

74700**Safety Visor**

Band individually adjustable.

74900**Spare Visor**

For safety visor, 0.8 mm thick.

74901

Face mask**Dust Respirator**, pre-cast, 10 pieces**74810**

The pre-cast dust respirator complies with EN 149:2001, protection category FFP2. A integrated valve ensures better ventilation and thus prevents the misting up of glasses.

Skin protection**Disposable Nitrile Gloves**, 100 pieces

Ideal for daily use in the shop or laboratory. Free of powder, color: white, length: approx. 245 mm. Compliant with EN 455.

small**75004****medium****75005****large****75006**

Please also consider our *Cedis* Profi CARE – the lotion for the cosmetic care of hands and skin of our *Cedis* care program. For the complete *Cedis* Profi range, please see pages 68 - 73.

**Compressors and Accessories****Compressor Silent 30**, 230 V**64605**

Small, portable compressor with compact piston-type motor, silent-running machine (approx. 30 dB), 30 l/min induction power, individually adjustable pressure up to 8 bar, motor performance 200 W, 4 l capacity, automatic operation with quick coupling system for connecting pneumatic equipment – sufficient for 1 compressed air user!

Weight: 19 kgDimensions: W 410 x D 190 x H 435 mm**AirPower Service set – compact compressor “Silent 30”****646051**

includes spiral hose for compressed air and air pistol

Portable, high-performance, low-noise (30 dB) operating pneumatic compressor for innovative service in the acoustician shop. With the practical air pistol with conical, slim jet, deposits and moisture are easily removed from all sound tubes and sound canal bores / ventings.

Replaces *Cedis* AirPower Professional REF 82555

Compressor 6-15 M

Runs with virtually no noise (approx. 45 dB), 50 l/min suction power, individually adjustable pressure up to 8 bar, motor performance: 340 W, capacity: 15 l, automatic operation, with quick coupling system for connecting pneumatic equipment.

230 V**64640**

Also available as a 115 V device.

Weight: 26 kg

Dimensions: W 380 x D 380 x H 480 mm

Accessories for compressors:

Air Pistol

Incl. a compressed-air hose, 170 cm, and a plug-on pipe for quick coupling.

69930

Quick Coupling, with thread, 6 mm

64615

Plug-On Pipe with thread, 6 mm

64617

Compressed-Air Hose, 6 x 8 mm, 1 m

64618

Elbow Joint, 6 x 8 mm

64610

T-Joint, 6 x 8 mm

64612

Filter Pressure Reducer 3/8"

64621

with thread for 6 x 8 mm tube

More accessories available on request.

Compressor Oil

for Silent 30, 6-15M, 1 l

64625

Ultrasonic Cleansing Devices

Elmasonic S 10

Practical, powerful ultrasonic cleansing device with a great cost-performance ratio. Ideal for sales counters or fitting rooms. Attractive design with easy-care stainless steel shell and electronic timer.

230 V**86210**

Also available as a 115 V device.

Elmasonic S 10/H

Same model as Elmasonic S 10, with selectable heating element (ca. 60 °C/ approx. 140 °F), continuous maximum power output per period 2 x 60 W.

230 V**86211**

Also available as a 115 V device.

Accessories for S 10:

Holder Basket, angular

86222

Stainless Steel Insert for 2 glass beakers

86304

Cleansing Glass Beaker with lid, 600 ml

86303

Stainless Steel Dipping Basket for cleansing glass beaker

86302

Glass Beakers for Ultrasonic Bath, 50 ml

The ideal supplement for a professional cleaning of earmolds!

10 pieces

85208

**Other Models of Ultrasonic Devices**

On request, we can also offer you larger ultrasonic devices with matching accessories. Please inform us about the requirements. We will then promptly send you a quotation for our current models.

**Concentrates for Ultrasonic Cleansing Devices**

For disinfecting earmolds quickly and safely we recommend:

Cedis Profi UltraActiv

Concentrate for disinfecting and cleaning earmolds and instruments, free of phenol and aldehyde, effective against bacteria, fungi, HBV and HIV viruses. Reaction time: 5 minutes, 3 % solution

Dosing: 1 part concentrate : 97 parts water

500 ml Bottle with portioning pump
2 l Bottle

86208
862081

For more products from the *Cedis* Profi range for a professional hygiene management at the workplace please see pages 68- 73 in our chapter Hygiene Products.

**Cleansing Agent "elma clean"**

Universal cleansing concentrate for cleaning earmolds, instruments and tools; does not react aggressively and does not attack any materials (Be cautious with aluminum surfaces!).

Dosing: 1 part concentrate : 9 parts water

1 l

86200



Ventilettes

For bending sound tubes for an anatomically exact and individual fitting.

Ventilette – Standard

Delivery includes beaker and spot heating nozzle. Temperature above nozzle: 300 °C (572 °F), in beaker 250 °C (482 °F).

230 V, white

65200

230 V, silver-metallic

65212

230 V, black-metallic

65213

230 V, ruby-red

65214

In white, also available as a 115 V device.

Output: 250 W

Height with jar: 225 mm

Weight: 1.6 kg

Dimensions with base: 100 x 150 mm

Accessories for Ventilette Standard:

Hot Air Nozzle

65201

Melting pot

65203



Ventilette – Electronic

With electronically controlled temperature pre-selection unit, heat sensor and protective motor switch. Delivery includes beaker and spot heating nozzle, temperature above nozzle: 70 °C – max. 180 °C (158 – max. 365 °F), over beaker 55 ° – max. 155 °C (131 – max. 311 °F).

230 V, white

65300

Also available as a 115 V device.

Output: 300 W

Height with jar: 225 mm

Weight: 1.7 kg

Dimensions with base: 100 x 150 mm



Suction Units

Using a modern suction unit and optimizing suction systems can considerably reduce dust loading. We offer a variety of suction units so you can choose the best solution that is right for your needs. All our units fulfill the regulations of the IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance) according to IEC 60335-2-69 dust class M.

Being able to breathe freely during grinding operations – this is essential for concentration and health. High-quality suction units provide clean air, remove unhealthy dust particles and reduce annoying odors.

- The double-filter system protects your health and prevents the suction motor from clogging up.
- The integrated automatism keeps the suction power at a constant level, regardless of the filter contamination level.
- Large filters and a quick filter exchange system ensure an economically advantageous use.
- Extremely quiet operation.



Automatic Mobile Suction Unit

Proven safety at the workplace does not need to be expensive!

Single-bench suction unit for under-table installation and mobile use (free-standing with handle). Ideally suited for the shop or manufacturing of ear-molds in small quantities.

All suction units are equipped with a two-fold filter system. Coarse dirt is collected in a filter bag, the fine filter offers additional protection against smallest dust particles.

The compact unit provides:

- a freely adjustable, electronic suction performance
- automatic shut-off when filter is full
- automatic start/stop function according to the control unit
- controllable suction capacity of 18–35 l/sec

Scope of delivery:

80 cm suction hose, filter bag and fine filter, 1 pair of spare pistons

with Handle:

230 V

62901

Also available as a 115 V device.

Weight: 18 kg

Dimensions: W 256 x D 400 x H 435 mm

for Installation Under Table (mounting plate included):


230 V

62906

Also available as a 115 V device.

Weight: 18 kg

Dimensions: W 256 x D 400 x H 415 mm

 The flexibles



with handle



for installation under table

For accessories see next page.

Accessories:

The active carbon filter offers additional protection against monomer vapors. The active carbon filter absorbs toxic vapors that emerge during e. g. the handling of acrylics and mixing of monomers. It is a refillable cartridge box. The active carbon should be exchanged regularly (with continuous operation after approx. 3 months).

The active carbon filter replaces the fine filter.

Active Carbon Filter**62904****Refill Pack** active carbon**62909****Spare Filter**, 3 pieces**62802****Pair of spare coals for mobile suction unit****62504**

up to serial no. xx-7485-00

for suction unit A40 up to serial no. xx-1716-00

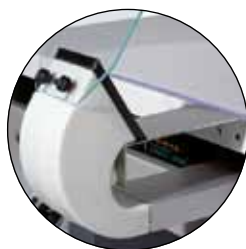
Pair of spare coals for mobile suction unit**62512**

from serial no. xx-7486-00

for suction unit A40 from serial no. xx-1717-00

Suction Funnel R1200**62720**

Incl. extendable rectangular pipe. The plug-in suction funnel R1200 is used together with the extendable rectangular pipe. The special construction guarantees an efficient suction performance while at the same time reducing noise to a minimum. The suction funnel is equipped with an extra large safety shield (H 250 x W 200 mm). The rectangular pipe can be mounted easily under the work bench (W 80 x H 30 mm, extendable length 430–540 mm).

Accessories:**Spare Protection Glass Shield** for suction funnel R1200**62723**

Suction Funnel SH-1 mobile**62718**

Can be used on every work bench without the need for permanent installation. The heavy base with a skid-proof, rubberized bottom can be used on the bench in every position. Protection shield (140 x 140 mm) included. Coupling to the suction system with the suction hose.

Accessories:

Spare Protection Glass Shield for suction funnel SH-1 mobile

62719**Sound Damper, round, for installation in the suction hose****62725**

Suitable for all current egger suction funnels, e.g. R1200, A90, SH-1 mobile and ADC mobile. Noise reduction up to 18 dB is possible. The sound damper should be installed directly before coupling to the suction funnel or the rectangular pipe (if included).

**Sound Damper for Suction Funnel R1200****62724**

The suction noise at the suction funnel can be damped up to 15 dB (similar to the former A90 system). The sound damper only has to be inserted into the rectangular pipe at the coupling of the suction funnel R1200.

**Workbench Pad****69649**

for F20, semi-round, transparent, 80 x 46 cm
Workbench is not included.



Suction Hose, Ø 40 mm, 1 meter**62902****Y-Connection for Suction Hose****62903**

Workstation Lighting

Working on earmolds demands precision and concentration. Good light is indispensable at every hour of the day. The F1 90/55 single-user lighting brings light to the spot that requires your attention.

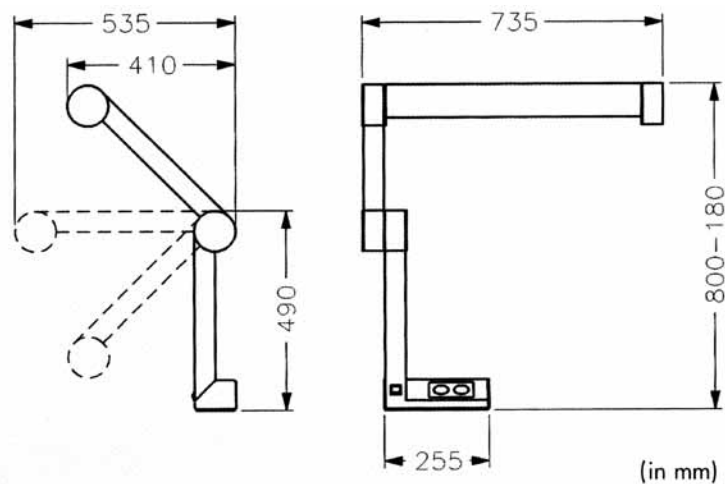
- The especially designed reflector illuminates the workstation without dazzling.
- The energy-saving lamp provides jitter- and streak-free daylight
- The metal frame protects against reflexes and bundles the light
- Height-adjustable tripod
- Electronic components guarantee a long life expectancy and high economic efficiency

Please also consider our *Cedis Profi* product range for work safety, hand and skin care, which is part of our *Cedis* care programm. For the complete product range, please see pages 68 - 73.

Workstation Lighting F1 90/55, Tripod on the left-hand side, white
Height-adjustable and swiveling single-user lighting with energy-saving light tube and integrated double outlet. Easy mounting on all workbenches. Also available in black. Light color daylight 12, 1400–6500 Lux (measured at a height of 750–300 mm).

230 V**69607**

Also available as a 115 V device.



Easy mounting



with double socket

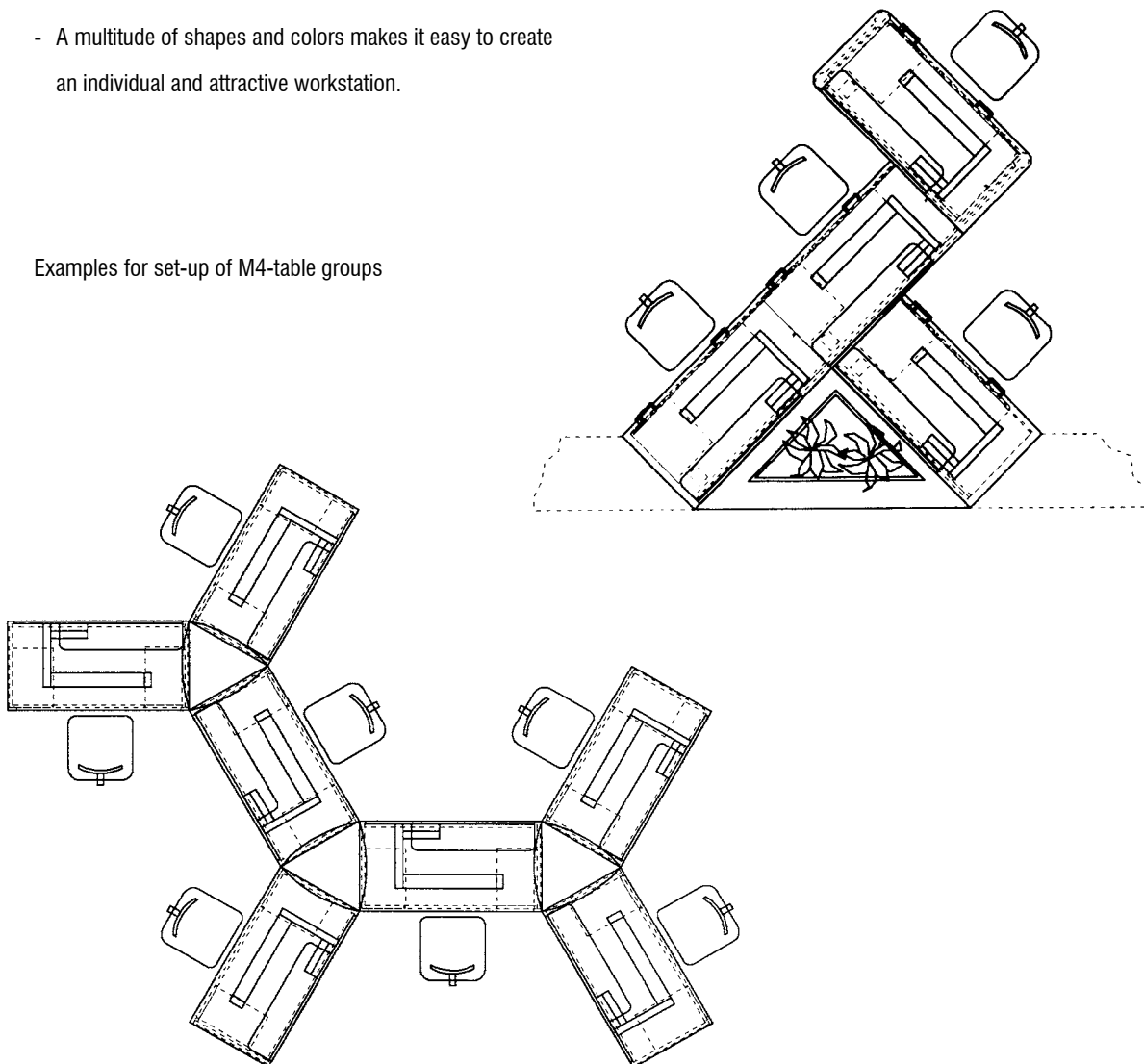
Technical Workbenches

Having everything at one's fingertips – at the well thought-out workbench. This is only possible with a free bench top, practical tool drawers with well structured plastic inserts, a central waste tray and integrated compressed-air supply and electric installations.

- High-quality materials guarantee high durability.
- Benches can be combined to form uniform workgroups.
- Available space can be used optimally due to various combination possibilities.
- All workbenches can easily be reconfigured to fit the needs of the operation.
- A multitude of shapes and colors makes it easy to create an individual and attractive workstation.



Examples for set-up of M4-table groups



Technical Workbenches

With our technical workbenches we offer you superior design and proven workstation solutions for the daily practice in every laboratory or service station in the shop.

Our technical workbenches are equipped by default with

- mobile suction unit (automatic) with suction funnel R1200
- height adjustable and swivelling lighting (white) with integrated double socket
- table-top shelf with hand piece rest
- tool cabinet with 3 drawers and base
- exclusive softTEC system for noiseless closing of drawers and doors
- 1 air pistol with automatic pull-back function
- armrests extendable (1 set)
- compressed-air supply
- back board closed to the bottom
- transparent desk pad

Colors:

Front and corpus: silver-metallic U 508

Handholds: chrome matt

Base and panel under workbench surface: black



Planning examples:

Group of technical workbenches with 3 workstations, equipped with lighting F1 90/55, table-top shelf, arm rests and single-bench suction system including suction funnel.

Our standard program offers two models – both differ in quality and design of the workbench surface:

Standard

69657

- workbench surface made of robust plastic, design Sahara II
- workplace lighting in white color



Premium

69656

- workbench surface made of high-class, solid beech wood sticks
- workplace lighting in silver color



We offer delivering the bench completely assembled or for self-assembly. Of course we can also offer you an individual solution according to your needs, available in a wide range of colors, forms and equipment features.



Info & Services

Fast, easy, reliable – our service is all about your order. Details about the delivery of the ordered goods to your warehouse are listed on the following pages.

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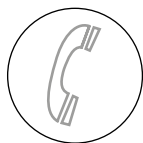
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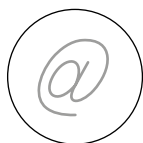
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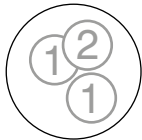


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- The extensive internet information platform.
- **With integrated shopping system, password protected for you as our customer.**
- According to your preferred conditions you can select and order all catalog products.
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- **Technical descriptions of devices, safety data sheets and operating instructions can be downloaded as pdf-files.**
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Payment



“The bill, please!”

Export sales:

- via bank transfer within 30 days net from invoice date
- initial order is usually delivered against advance payment.

For General Terms and Conditions please see page 203.

Delivery



You are in a hurry?

We deliver according to your preferences.

Ordered today – delivered tomorrow

Orders made by 3 p.m. on workdays are usually dispatched on the same day (if the products are in stock, valid for deliveries within the EU).

Unlimited order quantities

We deliver without stipulating a minimum order quantity or mark up for small-volume purchases for standard products.

Express delivery

Please contact us in very urgent cases.

Free delivery

If your order exceeds a net value of 500 EUR we deliver without packaging and freight charges free German boarder. Profit from the favorable agreements we have made with our shipping contractors.

Right of return

egger grants an unrestricted right of return within 20 days on all catalog products for laboratory equipment in accordance with the General Terms and Conditions. If some of our products do not meet your expectations, just call our customer service hotline. We will immediately exchange them or take them back against a credit note.

Rental service

Is one of your appliances being repaired? We will lend you a replacement appliance. For detailed information please call your customer adviser.

Information on the Transportation of Dangerous Goods



Under the legal regulations (GGVS/ADR, IMDG and IATA-DGR) some of our products have to be shipped as dangerous goods. These products (even in small quantities) cannot be forwarded by regular mail. Private parcel services are sometimes allowed to forward small quantities within Germany and Europe. Therefore, we usually send the goods via a haulier. The IATA-DGR regulations apply to air freight consignments. Dangerous goods have to be packed in special cardboard boxes. We will be happy to inform you about individual regulations, freight costs and the shipping method most favorable for you.

General Standard Terms and Conditions

Article 1 General Provisions

1. The Seller's deliveries, services and quotations shall be exclusively executed or rendered on the basis of these General Standard Terms and Conditions. They thus also apply to all future business relations even if they are not expressly agreed upon again.

2. Any deviations from these General Standard Terms and Conditions shall only be permissible in exceptional cases through express written acceptance by the Seller.

Article 2 Products

1. The seller reserves the right to make technical changes in his products at all times without previous notification, insofar as the properties of the product are not basically modified or compatibility with other products in the production procedure concerned is not impaired.

2. The Seller reserves the right to discontinue the production and delivery of any individual products or replace such products with new products.

Article 3 Delivery

1. Should the production or delivery of any products ordered be impossible due to force majeure, a lack of deliveries to ourselves, labour disputes, engineering breakdown or similar obstructions, the Seller's delivery commitments shall be suspended and the Seller shall be entitled to cancel such commitments in whole or in part.

2. The Seller shall grant the Purchaser the right to cancel the purchase contract if the date of delivery agreed upon is exceeded by a period of more than eight weeks. Any claims for damages for non-performance shall be excluded. Extended liability pursuant to Section 287 of the BGB [German Civil Code] shall be excluded.

3. If any number of units which has been ordered in a firm manner by the Purchaser is not accepted to its full extent, the Seller shall be entitled to impose a mark-up for small-volume purchases.

4. As regards orders for items made to order, any cancellation by the Purchaser shall be excluded in principle. The buyer is liable to accept and to pay the goods.

5. The Seller shall be entitled to terminate the contract without notice if the Purchaser is in default with the payment of any earlier deliveries.

6. egger grants an unlimited right of return for 20 days - from the date of dispatch to the receipt of the goods - on all catalogue products for laboratory equipment. The right of return is granted under the condition that the articles returned are packed in the original packing, unused and do not show any signs of use. The right of return is excluded in the case of such articles, for which - also minor - price reductions, except cash discounts, have been granted. The right of return is also excluded for earmolds and articles which are not included in this catalogue, in particular for the products mentioned under § 3, point 4.

Article 4 Prices, Terms of Payment

1. The prices indicated in the price list are ex place of shipment, excluding packaging, freight, insurance, customs duties and value added tax. From a net value of EUR 500.00 (with an individual invoice) delivery is effected without freight and packing costs free house or free German border for export deliveries.

2. The prices indicated in the current price list as effective for the time being shall be relevant to invoicing. Upon the publication of a new price list, all previous price lists shall become ineffective as of the effective date (status of new price list).

3. Any special costs in connection with payment, particularly bank charges and expenses, loss on exchange and the cost of transfer for payments in export, shall be borne by the Purchaser.

4. Unless indicated otherwise, any invoices shall be due for payment: Export sales: Within 30 days from invoice date net without any discount. For first order, delivery is made against advance payment.

5. Default in payment starts without further reminder on the day following due date. Should the Purchaser be in arrears with any payment at any point in time agreed upon at the time of the purchase, all obligations to pay which the Purchaser may have vis-à-vis the Seller shall become due.

6. It is only permissible to retain or offset any payments with counterclaims of the Purchaser if undisputed and legally enforceable claims are involved.

Article 5 Shipment and Passage of Risk

1. Shipment shall be effected for the Purchaser's own account and at the Purchaser's risk.

2. The risk of loss is transferred to the Purchaser as soon as the seller has initiated dispatch.

3. Any additional expense for a faster mode of shipment shall be at the Purchaser's expense, even if the period of delivery is exceeded by a short time.

4. In the absence of any instructions by the Purchaser, packaging and shipment shall be effected at the best discretion; no packaging can be taken back.

5. The "Incoterms" as amended for the time being shall apply to the interpretation of international trade terms such as CIP, DAP etc.

6. The Seller shall be entitled, but not required, to insure deliveries in the name and for the account of the Purchaser.

Article 6 Warranty and Liability

1. If the delivery item is defective or if it fails to show any warranted qualities or if it becomes defective during the warranty period due to any defect in manufacturing or materials, the Seller, at its option, shall supply a substitute or perform rework, with the exclusion of any other warranty claims by the Purchaser, in particular, with the exclusion of any consequential damage incurred by the Purchaser. A maximum of three rework actions shall be permissible. Liability shall only be assumed to the amount of compensation effected. The return shipment of defective products shall require the Seller's consent, otherwise the Purchaser shall bear the cost of return shipment. Defective products shall only be taken back in the condition delivered.

2. The details provided by such manufacturers shall apply to all products of third-party manufacturers which are delivered.

3. The warranty period is subject to legal requirements.

4. All parts exposed to normal consumption or wear and tear shall be excluded from warranty. This shall also apply to any damage incurred due to overload or improper handling.

5. Any notices of defects due to the number of units, quality or execution of products shall only be legally effective if the Seller is notified of such defects in writing immediately following the receipt of the products. Notices of defects shall be excluded in principle after a period of 8 days following the receipt of the products. Any shortages shall be compensated for through subsequent delivery or a credit note.

Article 7 Reservation of Title

1. The products delivered shall remain the Seller's property, as conditional commodity, until the payment of the purchase price and the payment of all debts existing from the business relations (and any debts incurred in connection with the object sold). The transfer of individual debt items to an open account or the striking and confirmation of a balance shall not cancel the said reservation of title.

2. The Purchaser shall only be entitled and authorised to resell the said conditional commodity in the normal proper course of business and provided that any debts as defined in paragraph 3 shall be actually transferred to the Seller. The Seller shall not be entitled to effect any other dispositions with respect to the conditional commodity, particularly pledging or transfer of property by way of security.

3. If any conditional commodity is sold by the Purchaser alone or in conjunction with any commodity not owned by the Seller, the Purchaser shall now assign any debts arising from such resale to the amount of the value of the conditional commodity, including all secondary rights and rank before the rest; the Purchaser shall accept such assignment.

4. The Seller shall authorise the Purchaser, subject to revocation, to collect the debt assigned pursuant to paragraph 3. At the Seller's request, the Purchaser shall name the debtor(s) with respect to the debt(s) assigned and shall also notify such debtor(s) of the assignment itself.

5. The right to resell and utilise and the authorisation to collect the debt assigned shall expire upon stoppage of payments, an application for commencement or actual commencement of bankruptcy proceedings, any judicial composition proceedings or voluntary settlement; the direct debit authorisation shall also expire in the event of any protest of a cheque or bill.

Article 8 Devices on loan

1. Devices on loan can be provided, depending on availability, for free (e. g. in the case of repairs) for a certain period to be agreed upon. The leased device must be returned in the original package. The customer assumes the costs and risk of transportation. The customer is responsible for the correct use of the leased device. The customer is not entitled to hand the leased object over to third parties outside his company. Any defects in the leased device are invoiced to the customer.

Article 9 Conclusion of the Contract

1. Any offers contained in brochures, advertisements etc. shall be subject to change without notice and non-binding - also with respect to any prices stated.

2. Additional agreements, changes or supplements are only valid, if they have been confirmed in writing by the seller. The same applies to the representation of properties. Agreements concerning a waiver of the written form must also be made in writing.

Article 10 Place of Performance, Jurisdictional Venue and Partial Ineffectiveness

1. The place of performance for all rights and obligations arising from legal transactions entered into with the Seller shall be Kempten, Allgäu, for both parties. The place of jurisdiction for both parties is - insofar as legally permissible - Kempten, Allgäu.

2. Should any of the aforesaid provisions be or become ineffective, the effectiveness of the remaining provisions shall not be affected thereby.

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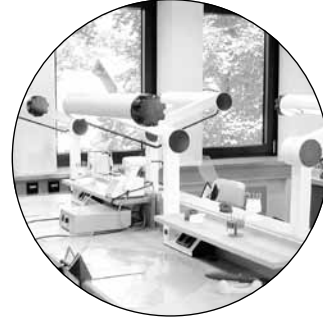
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International Training Courses for Technicians



The courses offer an introduction to different earmold manufacturing techniques for earmold producers from all continents. Qualified egger employees help the technicians decide which equipment should be used. The participants receive basic knowledge in the production as well as the complete know-how in handling new devices and materials. The goal of the course is to enable the participants to independently and professionally produce earmolds.

egger Otoplastik + Labortechnik takes individual care of the international trainees during their whole stay.

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Where is the development of laboratory technique headed? How does the new EU-Noise-Guideline influence my work as an hearing aid expert? What is the broadened care program able to offer me and my customers?



egger addresses current questions from the sectors otoplastics and laboratory technique and offers additional training courses. These courses last one or several days and are held in spacious seminar rooms next to our laboratories with the newest technical equipment. In discussions with our own and other expert speakers, the participants learn how to react appropriately to the challenges of the future.

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How to Find Us

By car:

Coming from **Munich** head to freeway A 96 towards "Lindau". Leave the A 96 at exit no. 22 towards "Jengen/Kaufbeuren". Stay on the B 12 until you reach Kempten and keep going on straight until you reach the turn-off to "Buchenberg". Now, turn right into "Lindauer Straße". At the second traffic light turn right into "Aybühlweg". You will find us on your left after approx. 100 m.

Coming from **Stuttgart/Ulm** or Füssen on freeway take the exit "Kempten". Get on "Adenauerring". Stay on the "Adenauerring" for approx. 5 km until you reach the turn-off to "Buchenberg". Now, turn right into "Lindauer Straße". At the second traffic light turn right into "Aybühlweg". You will find us on your left after approx. 100 m.

Coming from **Zurich/Lindau** on highway B 12 head towards "Buchenberg" in Großholzleute and go to Kempten. After the suburb "Rothkreuz" turn left into "Aybühlweg" at the first traffic light. You will find us on your left after approx. 100 m.

By rail:

You arrive at Kempten central station. From there, take a taxi. Of course, we will always be pleased to pick you up from the station!

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