

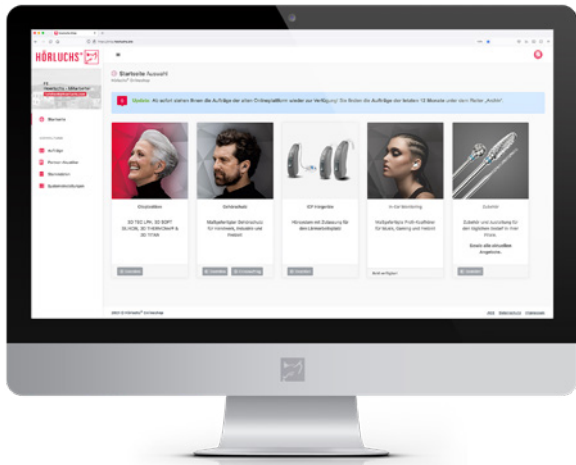


EARMOULDS AND LAB EQUIPMENT

FOR HEARING ACOUSTICIANS AND LABS

Hörluchs® is THE German expert when it comes to custom-made earmoulds, hearing protection, ICP hearing aids, professional in-ears and accessories for hearing acousticians. In three business areas, the independent and family-owned company with more than 190 employees across three locations thrives on passion, innovation and sustainability.

At Hörluchs®, unique products are created in series production: Years of experience in designing, producing, and customizing individual products combine with the expertise of manufacturing 2,500 custom parts per day. The quality management system is certified according to DIN ISO 13485, meeting the highest standards. Discover our wide range of products and utilize our offerings according to your individual needs.

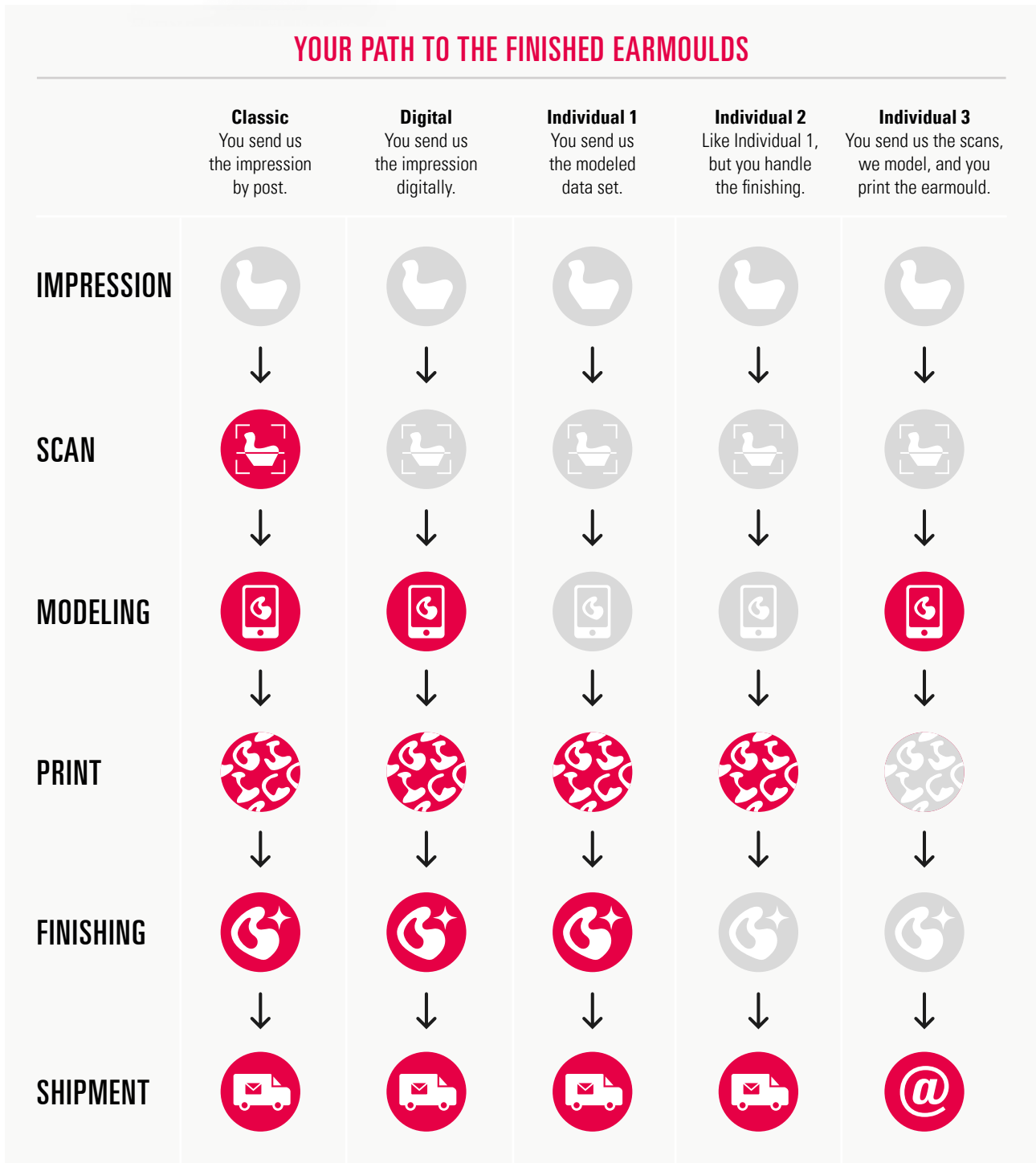


THE HÖRLUCHS® ONLINE SHOP QUICK AND EASY

At Hörluchs®, you can quickly and easily order any product online – either on shop.hoerluchs.com or via your company software (ASEGO, IPN, Amparex).

- ✓ Real-time production progress tracking
- ✓ No need for clarification – processing in-house
- ✓ Orders possible around the clock
- ✓ Shorter delivery times through in-house scanning
- ✓ Reproductions and complaints triggered digitally

YOUR PATH TO THE FINISHED EARMOULDS



processed by Hörluchs

handled by the customer

MATERIALS & FINISHING

FOUR MATERIALS FOR HIGH-QUALITY EARMOULDS

Hörluchs® utilises four different materials that are processed in precise 3D production. Both laser and 3D printing processes are used. The finishing touches are made in traditional handwork. With different surfaces and finishes, the needs of the customer can be individually fulfilled.



3D TEC

- ✓ Easy finishing
- ✓ Durable
- ✓ Easy cleaning



3D THERMOtec®

- ✓ Moisture absorption
- ✓ Lasting comfort
- ✓ Breathable



3D TITANIUM

- ✓ Antiallergic
- ✓ Durable
- ✓ Solid & robust



3D SOFT SILICONE

- ✓ High sealing
- ✓ Wearing comfort
- ✓ Many colours

THE ALL-INCLUSIVE IDEA NO HIDDEN COSTS

Trust is the best basis for a long-term and successful partnership. That's why Hörluchs® developed the all-inclusive idea for you: No hidden extras, no surprise costs. Simple and **transparent pricing**.

Hörluchs® hilft Ihnen bei der Auswahl der geeigneten Otoplastik, um auf anatomische und audiologische Gesichtspunkte zum Wohle Ihrer Kunden eingehen zu können. To make selection and decision-making easy for you, Hörluchs® offers:

These important **EXTRAS** are free:



COATED²⁾³⁾



COLOURED LOGO³⁾



FOIL



CYMBALINE



FOIL SKELETON¹⁾



SILK-MATT²⁾³⁾



SERIAL NUMBER



COMFORT



PLUG (EAR CANAL)



NUGGET¹⁾



WITHOUT COATING



CUSTOMER NAME



HALF FOIL



CIC



SUPPORT

SURFACE

ENGRAVING

TYPES

TYPE OF CONSTRUCTION

DESIGN



SHELL



RING



WITH DRAWSTRING



CLASP



SINGLE STEP



CLAW



DOUBLE STEP



CYMBALINE



FOIL SKELETON¹⁾

1) Technically not possible with 3D SOFT SILICONE
2) Technically not possible with 3D THERMOtec®
3) Technically not possible with 3D TITANIUM

THERMOtec®

- ✓ Becomes soft through body heat and adapts to the ear
- ✓ Ideal for intolerance to silicone
- ✓ Fits comfortably and securely
- ✓ Effectively transports moisture out of the ear
- ✓ Tear-resistant & dimensionally stable

Depicted product: THERMOtec® SLEEP



EXCLUSIVE DISTRIBUTION

We hold exclusive distribution rights for the biocompatible premium material THERMOtec®, a thermoplastic material that can be molded when heated, providing a perfect fit in the ear. It is skin-friendly and hypoallergenic, making it well-suited for long-term use by individuals with allergies.

From the supply of raw materials to supporting the marketing of the final product, we offer expert advice and assistance for earmould laboratories and hearing acousticians at every necessary step.

THERMOtec® SLEEP

PREMIUM SLEEP PROTECTION



The THERMOtec® SLEEP is ideal for individuals who value restful sleep and wish to reduce disruptive noises during the night. The biocompatible material is highly suitable for those with allergies and softens with body heat, allowing it to perfectly conform to the ear. This provides customized comfort and excellent insulation against disturbing external noises.

COLOURS



PRODUCT ADVANTAGES

- ✓ Suitable for side sleepers
- ✓ Shields very well against external noise
- ✓ Optionally available with removal flap

ESPECIALLY SUITABLE FOR

- Sensitive sleepers
- Allergy sufferers
- Shift workers
- Travelers & frequent flyers
- Residents of noisy environments

COMPARATIVE FITTING

RECEIVER CONNECTION WITH UNIRIC

UNIRIC is a special earmould design from Hörluchs® that can hold any S/M receiver on the market. You can test different receiver types **regardless of the earmould material** – this makes comparative fitting even easier. The hearing aid can be exchanged as often as desired and, depending on the connection, can be equipped with an additional cerumen filter.

- ✓ Comparative fitting possible in any earmould material
- ✓ High-quality fitting right from the start – with earmoulds
- ✓ No complicated reworking of an earmould necessary
- ✓ Multifix adapter as solution for small ear canals

You can order UNIRIC in any material and compare different receivers.

More information: hoerluchs.com/en/uniric



UNIRIC 3D THERMOtec®

RECEIVER MOUNTING WITHOUT GLUEING

External receivers can be fixed in earmoulds made of 3D THERMOtec® without gluing. The earmould is heated over the hot air. The receiver is then inserted into the hole with a pair of tweezers. After cooling, the receiver fits firmly in the earmould.

EXAMPLE ON THE LEFT: FOIL

UNIRIC 3D TEC | UNIRIC 3D TITANIUM

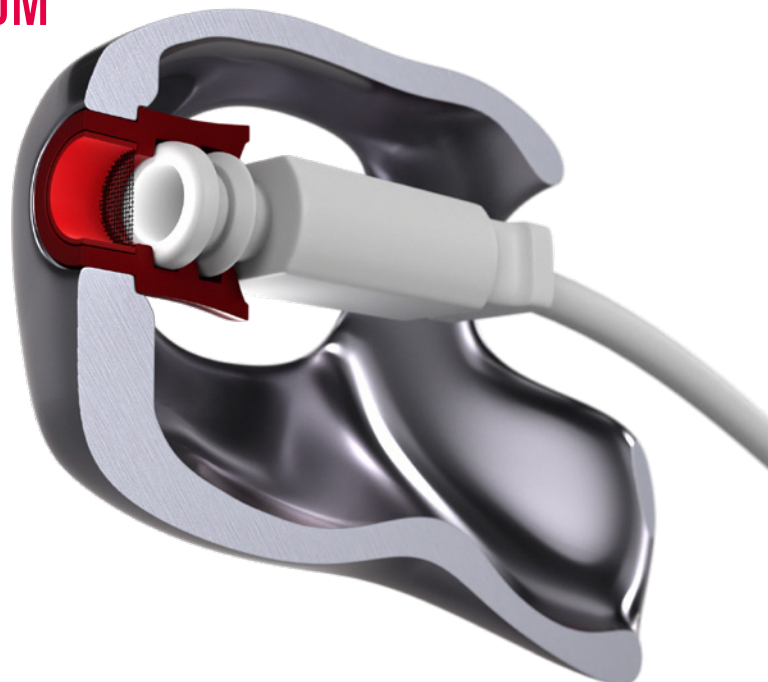
EARMOULD WITH SMART SOCKET 2.0

UNIRIC earmoulds made of hard material are equipped with the new SMART SOCKET 2.0. This is fitted as standard by Hörluchs® at no extra charge.

ADVANTAGES OF THE SMART SOCKET 2.0

- ✓ Very good fit of all RIC receivers due to special inner geometry
- ✓ Hardly any signs of wear and tear
- ✓ High durability because of silicone-like material
- ✓ Excellent adhesion, defined bonding surface
- ✓ Universal diameter of 2.9 mm makes it easier to drill out the socket
- ✓ Step in the socket ensures precise filter positioning

UNIRIC titanium earmould with SMART SOCKET 2.0 and HF4 cerumen filter



TITANIUM EARMOULDS

PROBABLY THE WORLD'S BEST EARMOULDS

- ✓ Resistance to cerumen
- ✓ Hypoallergenic & antibacterial
- ✓ Highly hygienic, skin friendly & biocompatible
- ✓ Perfect heat dissipation (No itching or moist ear canals)
- ✓ Hardly noticeable in the ear
- ✓ Wall thicknesses of 0.4 mm possible (for small auditory canals)
- ✓ Best acoustic transparency
- ✓ Maximum stability & still extremely light
- ✓ Can be modified without problems
- ✓ Compatible with rechargeable ITEs incl. charging cases



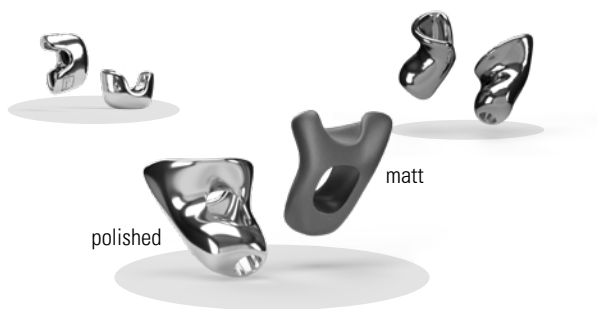
Titanium earmoulds

Only use the best material for your customers.



LIFESTYLE-SERIES

CIC & ITC (RIC and normal tube)



DESIGN-SERIES

All designs with support function in the circumaural ear



TITANIUM OPEN

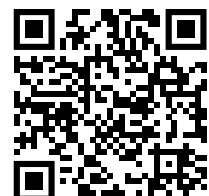
The custom dome



- ✓ For completely open and occlusion-free restorations
- ✓ Ideal for mild high frequency hearing loss
- ✓ Defined fit for optimal sound transmission
- ✓ Secure fit: low probability of hearing aid loss
- ✓ Extra small titanium earmould
- ✓ Hardly noticeable for the wearer
- ✓ Exclusively available with matte surface

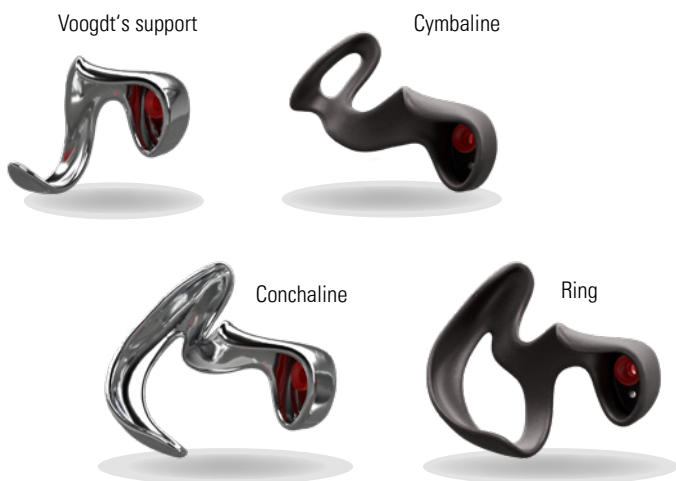
In the in-house titanium production facility, the earmoulds are manufactured using unique 3D laser technology and with the highest precision: 100% innovative and 100% Made in Germany.

More on: [youtube.com/hoerluchs](https://www.youtube.com/hoerluchs)



TITANIUM OCCLUFREE®

THE FREEDOM OF NATURAL HEARING



- ✓ **Custom-made titanium earmould:** Durable, lightweight, and comfortable
- ✓ **Innovative cut-out:** Maximum decoupling from the jaw joint
- ✓ **Suitable for:** Mild to moderate high-frequency hearing loss
- ✓ **Four possible designs:** Conchaline, Cymbaline, Ring or Voogdt's support
- ✓ **Surface options:** Matte or polished finish
- ✓ **Refinement:** Polished versions available in 11 stylish colors, optionally with rhinestones

TITANIUM FASHION

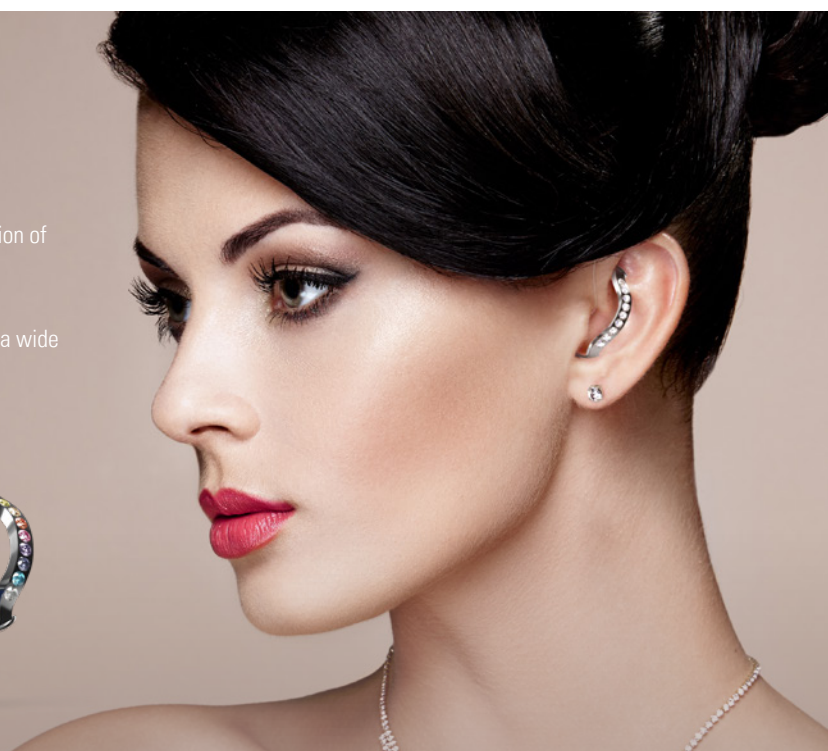
JEWELRY YOU CAN HEAR

With TITANIUM FASHION, wearing a hearing aid becomes an expression of personality. This exclusive collection combines modern design with a personal touch, elevating the elegance of earmoulds to a new level. Zirconia gemstones in 10 colors and 11 exclusive titanium colors offer a wide selection of individually customizable designs.

PIERCING



HARMONY



THE NEW
STANDARD IS
COLOURFUL

COLOURED TITANIUM

AND RHINESTONES

- ✓ Wide range of customisation options
- ✓ Finishing with rhinestones (also in colour)
- ✓ Visually very appealing
- ✓ Matt or polished surface
- ✓ Polished version available in 11 stylish colours
- ✓ Colouring without coating – 100% titanium material

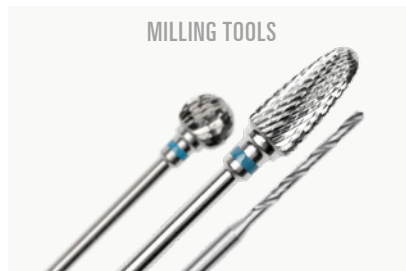
Important: Colour variations are possible



ACCESSORIES

LARGE PRODUCT VARIETY

Hörluchs® offers high-quality accessories – from milling tools to impression materials. We place great importance on an attractive pricing model and a clear portfolio. All accessories and promotional materials are available at shop.hoerluchs.com.



auriFIX+ CLEANING PRODUCTS

- ✓ Cleaning of hearing aids, earmoulds, hearing protection and in-ears
- ✓ Cleaning spray
- ✓ Compressed gas spray
- ✓ Cleaning wipes (box of 30 & dispenser of 100)
- ✓ **Also available as white-label or private-label**



TOOLMASTER PERFECT ORGANIZATION

- ✓ **Everything organized:** 32 slots for drills and milling cutters
- ✓ 24 magnetic snap slots for **quick tool changes**
- ✓ **Storage compartment** for additional accessories
- ✓ **Hidden drawer** for tidying up tools and accessories
- ✓ **Extra storage space:** Drawer as a side extension
- ✓ **Secure stand** thanks to anti-slip rubber feet

SMART SOCKET 2.0 COMPARATIVE FITTING

Hörluchs® presents the SMART SOCKET 2.0 – an advanced connection solution that enables convenient as well as smooth comparative fitting of acrylic and titanium earmoulds with RIC hearing aids. With its versatile functions, safe accommodation of all RIC hearing aid models and easy handling, the SMART SOCKET 2.0 opens up new possibilities.



Hörluchs® SMART SOCKET 2.0 including holder for HF4 filters/ProWax filters



CUSTOM MADE HEARING PROTECTION

Custom-made hearing protection offers many advantages compared to ordinary earplugs and convinces with more comfort and a better protective effect. The different filters are the heart of Hörluchs® hearing protection products. This allows noise to be reduced individually depending on the area of use.

Hörluchs® produces customised **hearing protection for craft, industry, leisure & sport**. Different materials and designs are used, right up to the communication unit with state-of-the-art technology.

HA

PROFESSIONAL HEARING PROTECTION

The Hörluchs® HA is a robust hearing protection with grip for industrial use. It is particularly robust and dirt-resistant.



OPTIMAL HEARING PROTECTION FOR

- Industrial companies
- Craft enterprises and vehicle workshops
- Forestries and agricultural companies
- Dirt-intensive workplaces
- Paint shops and spray booths (silicone-free)
- Food sector (with detection)

SOWEI UNLIMITED

THE SOFT COMMUNICATION CHAMPION

The SOWEI UNLIMITED is a custom-made hearing protection made of soft silicone. It scores with its perfectly linear filter technology. This makes it ideal for noisy areas where communication needs to be at its best.



OPTIMAL HEARING PROTECTION FOR

- Workplaces with a high level of communication
- Event and stage technicians
- Musicians
- Construction and road building projects
- Work in warehouses and logistic facilities
- Forestries and agricultural companies
- Vehicle drivers
- Overhead work

HEARING PROTECTION FILTERS

THE HEART OF OUR HEARING PROTECTION PRODUCTS

Hörluchs® develops and manufactures the carbon filters at its production headquarters in Hersbruck, Germany. From the idea to the development to the production, everything is Made in Germany. The filter technology developed by Hörluchs® is ideal for sound processing due to the special structure and density of the carbon fibre and impresses with its natural sound while offering full protection.

- ✓ Developed by Hörluchs®
- ✓ Made in Germany
- ✓ Natural sound combined with full protection
- ✓ Dirt-resistant
- ✓ Exchangeable
- ✓ Solutions for impulse sound
- ✓ Flexible solutions for different areas of application

HLF EXCHANGEABLE FILTERS

The HLF filter series covers almost all requirements for applications in industrial noise areas. In combination with the respective earmoulds, the filters are approved by the German authorities, insensitive to water and dirt, exchangeable and also ideally suited for impulse noise.



HLM EXCHANGEABLE FILTERS

In combination with the SOWEI UNLIMITED and the HA UNLIMITED the HLM exchangeable filters have a type examination certificate. This means that this hearing protection with its filter technology can be used in both the private and the commercial sector.



HA ACTIVE

ACTIVE HEARING PROTECTION

The HA ACTIVE is specifically designed for individuals with demanding work environments. Communication in noisy areas is the primary focus here—regardless of hearing ability. For example, the system can be tailored to the needs of individuals with existing hearing loss. It features electronic, active hearing protection with a fully digital high-tech amplifier, where finely tuned, highly sensitive microphones provide excellent directional hearing and optimal environmental awareness. The combination of custom-fitted hearing protection earmoulds and our finely adjustable amplifier technology ensures the best possible protection for your hearing.

FEATURES THAT IMPRESS

- Fine-tuned and highly sensitive microphones
- Best directional hearing as well
- Very high passive basic insulation
- Outstanding high-tech amplifier technology for impulse noise
- Protects against gunshots (up to 164 dB)
- Electronic limit closes in under 10 milliseconds
- Cerumen filter system protects against moisture and sweat
- Approval according to the PPE guidelines and DIN EN 352-7

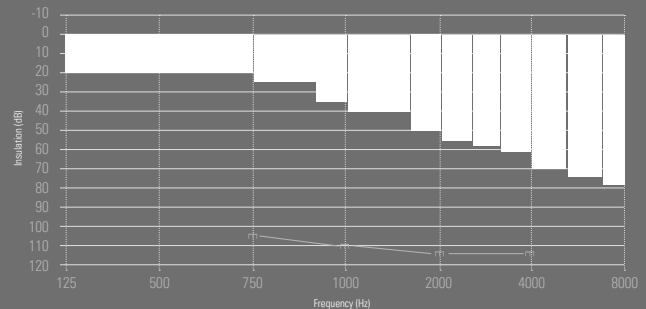


FREQUENCY SPECTRUM

CRITERION LEVEL

H = 112 dB (A)
M = 106 dB (A)
L = 103 dB (A)

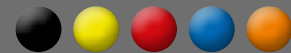
HA ACTIVE PRO can be adapted to the individual hearing loss in 12 adjustable frequency bands.



COLOURS FACEPLATE



COLOURS SHELL



ICP® HEARING AIDS

FOR NOISY WORKPLACES

Conventional hearing aids are not permitted for use at high-noise workplaces. The AS Hörлуchs® ICP® (Insulating Communication Plastic) hearing aids are permitted by construction law for use at high-noise workplaces. The hearing system is therefore 100% PPE (Personal

Protective Equipment) and 100% medical device, which is listed in the Register of Medical Devices. Thus the hearing aid can be used to its full extent in the private environment. ICP® hearing aids effectively reduce noise while still allowing important information, such as voices and warning signals, to be heard clearly. They compensate for individual hearing loss while simultaneously protecting the ear.

- ✓ **ICP® complete system from Hörлуchs® – tested and certified**
- ✓ **Dispensed only by ICP®-certified professionals**
- ✓ **Maximum safety for users**
- ✓ **High-end solution for users**
- ✓ **Simple billing process (with existing agreements with insurers)**
- ✓ **No risk of misuse**
- ✓ **Easy option for in-situ measurements at the workplace**
- ✓ **Support and expert advice from Hörлуchs® audiology**

ICP® HEARING PROTECTION EARMOULD APPROVED FOR NOISY WORKPLACES

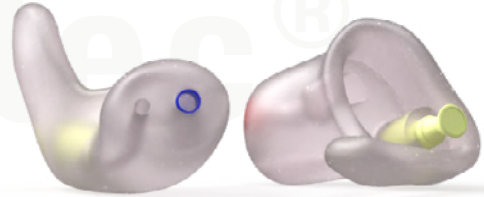


ICP® hearing protection earmoulds are used in conjunction with the officially approved Hörluchs® hearing aids in the hearing protection program for noisy workplaces.

After removing the active unit, they can also be used as passive hearing protection. The earmoulds are comfortable to wear and barely visible.

THERMOTEC® ICP® (G7 DEVICES) FOR SOUND TUBE AND RIC HEARING SYSTEMS

- ✓ Silicone-free
- ✓ Available as plugs with support or ring
- ✓ Comfortable, adaptable material
- ✓ Very high sealing capability
- ✓ No need to change the earmould for private situations



Passive attenuation value: 31 dB SNR
(with closure unit)

PRODUCT COLOURS



ICP® RIC 16 G7

ALSO AVAILABLE WITH ATEX* CERTIFICATION

*The ATEX certification confirms that a device can be safely operated in explosive environments by complying with EU regulations for explosion hazard protection. It ensures that the device is designed in such a way that it does not pose an ignition source for explosive atmospheres. For more information, visit www.hoerluchs.com.



ICP® RIC 16 G7

with noise workplace program
without ATEX

ICP® RIC 16 G7

without noise workplace program
with ATEX

ICP® RIC 16 G7

with noise workplace program
with ATEX



ICP® TiK®



BTE 16 G5



BTE P 16 G5

PROFESSIONAL IN-EARS

With our unique selection of professional in-ears, we deliver customised listening pleasure and outstanding comfort. The technical features and state-of-the-art 3D production open up unlimited worlds of sound. We stand for perfection down to the last detail. Developed with audiologists, acousticians, musicians and gamers.

CUSTOMFIT

If you're looking for the best fit and unmatched comfort, choose custom in-ears. With an impression of the ears, we manufacture tailor-made in-ears, that fit perfectly into the ear.



The **HL6 series** made of silicone provides a perfect seal while singing and is available in many colors and material designs.



The **HL5 series** made of 3D TEC is particularly popular among stage musicians due to its discreet appearance.



UNIFIT

These in-ears come with domes in three sizes. The in-ears sit comfortably in the ear and you get the necessary sealing. This includes the EASY UP, the HL1, and the HL4.

The **HL4 series** offers outstanding professional technology with all Hörluuchs® driver variants. They impress with their 3D Smart Surface and a cerumen protection system.



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