Unitron custom products reference guide

unitron™ Hearing matters

Unitron is committed to you and your business, and we're proud to be your one-stop shop for custom hearing instruments and earmolds. This Custom Products Reference Guide was created with you in mind. Our goal is to provide a resource containing information regarding ear impressions and all the custom offerings from Unitron.

History of Unitron

With a history spanning more than 50 years, Unitron has earned a reputation for product innovation and creating exceptional customer experiences. We've achieved this standing by delivering renowned personal service, as well as products that truly make a difference in people's lives. As a hearing healthcare professional, you can expect Unitron to provide what you need to attain the highest level of in-clinic success. This includes the custom hearing instruments, earmolds and other products you order from us. Our state-of-the-art manufacturing facility in Minneapolis, MN, is the premier custom lab for Sonova, our parent company and the world's leading provider of hearing healthcare solutions. In fact, many of our procedures and processes have been implemented by Sonova companies worldwide.

A better fit for your patients, for your practice

In today's highly competitive hearing healthcare marketplace, you gain a distinct edge by delighting your patients and keeping them close to you. It all starts with making the right choices — including the custom hearing instruments you fit. At Unitron, we support strong provider-patient relationships by delivering precisely crafted, finely tuned custom products and earmolds that consistently exceed expectations. Take a closer look at Unitron, and you'll understand why.

Trust our unmatched experience, expertise and attitude.

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1

Impression material and ear impressions

Impression material

There are two main types of impression material

Powder and liquid (ethyl methacrylate)

- Powder and liquid ear impression material requires precise mixing, has a long cure time and is temperature-sensitive after the material cures.

Silicone

- Silicone ear impression material is the most common type used today. It comes in a variety of forms, colors and viscosities.
- The most popular silicone impression material today is the silicone-addition system, which uses equal portions of parts 1 and 2. A white catalyst is added to a colored base and mixed until a consistent color is achieved.
- Another common type of silicone system is the cartridge-gun combination, in which the two parts of material are mixed in a disposable tip. The tip is replaced with each patient (Pirzanski, 1996).

At Unitron, we offer silicone impression material

- Unitron carries both the silicone-addition system and the cartridge-gun combination system.
- These two types of silicone impression material have demonstrated a high degree of stability (i.e., retaining form) during transport.

Common terms used with impression material

Viscosity – measurement of the material consistency prior to polymerization; a low viscosity will have a soft consistency and a high viscosity will have a firm consistency.

Shore value – the silicone after-cure hardness; the lower the shore value, the softer the finished product.

Shelf life – how long the impression material will last.

Cure time – how long it takes the impression material to cure.

Ear impressions

The ear impression is a “cast” of the ear and the foundation for all custom devices. It is crucial to obtain a good-quality ear impression. Any deficiencies in the ear impression may result in a poor-fitting custom ear piece and can negatively impact the patient experience.

A good impression will consist of a canal length 2 to 4 millimeters beyond the second bend. The helix, concha bowl and ear canal should be completely filled and smooth. There should be no gaps or imperfections in the impression.

Good quality impression

Poor quality impressions

Not deep enough

Underfilled canal

Underfilled canal, concha and helix

Underfilled helix

Good to know!

- Unitron recommends the use of otoblocks for all impressions.
- We recommend that you completely fill the concha bowl and helix (entire outer ear), regardless of which model is ordered, to ensure a good fit and accurate orientation of the aid.
- If requesting a directional microphone custom product, it is critical to mark the horizontal plane.
- For proper receiver placement, the impressions should clearly show both first and second bends.
- For maximum benefit, it’s critical that CIC impressions extend 2 to 4 millimeters beyond the second bend.

Ear impression technique

Step 1

Proceed with proper infection control protocols: Sterilize the equipment and wash your hands.

Step 2

Before you begin, explain the entire process to your patient, using easy-to-understand language. Inform them about the otoscopic examination, the impression material you're using, taking the ear impression and removal of the ear impression. Before you begin, ask if there are any questions.

Step 3

Otoscopic examination

This exam indicates the presence of one or more medical conditions that would affect your ability to safely obtain an impression. Using the bridging technique, inspect the ear canal and tympanic membrane. Prior to inserting the otoscope speculum into the ear canal, straighten the canal by gently pulling up and backward on the pinna, while stabilizing your patient's head. Grip the top portion of the pinna with your index finger and thumb. To protect against sudden movement and accidental injury, press the other fingers against the side of the patient's head. Carefully insert the otoscope speculum into the ear canal. While conducting an otoscopic examination, look for the following:

Cerumen – impacted or non-occluding

Drainage – clear, yellowish, green or red

Prolapsed canal - sagging skin in the ear canal

Abnormalities of the tympanic membrane – reddish color, perforation, tympanosclerosis, bulging eardrum or retraction

Presence of foreign objects – such as toys, cotton or beans

Malformations – congenital deformities, bony growths, scar tissue, dimples, surgically enlarged ear canal from mastoid surgery or stenosis

If you've ruled out any contraindications, you may proceed to the next step. If you've identified any contraindications, do not proceed to the next step or take an impression. Refer your patient to a physician.

Otoscopic examination

Step 4

Otoblock placement

After you've conducted the otoscopic exam, insert an otoblock into the ear canal. Otoblocks are intended to protect and cushion the ear canal from the impression material. Select the appropriate otoblock size by making sure it is a slightly larger than the ear canal; this will prevent ear impression material from bypassing the otoblock. Unitron suggests using either cotton or foam otoblocks. Next, insert the otoblock into the entrance of the ear canal. Pulling up and back on the pinna, use an ear light probe to carefully insert the otoblock into the ear. Gently push the otoblock into the ear canal until it is 2 to 4 millimeters beyond the second bend. After insertion of the otoblock, conduct an otoscopic examination to review otoblock placement; verify that there are no gaps between the otoblock and the ear canal.

Insert otoblock into the ear canal

Step 5

Injecting the material into the ear

If using a syringe: With a silicone-addition system, use a spatula to portion out equal amounts of part 1 and part 2 materials. Place the materials onto a splead pad. Then, using a spatula, mix until a consistent color is achieved. Using the spatula, carefully insert the material into the syringe. If you choose to insert the material into the syringe with your hand, remember that heat activates the catalyst. Once the material touches your hand, the curing process will start. Therefore, it is important to quickly insert the material into the syringe to ensure you have enough time to obtain binaural ear impressions.

If using an impression gun: Insert the cartridge into the impression gun, press down on the locking mechanism to lock the cartridge, apply pressure to the plunger until you feel resistance at the back of the cartridge, then remove the cartridge material cap and insert a disposable tip. Before you begin, make sure the material is mixed appropriately by pushing to apply pressure on the impression gun; this should move the silicone material through the barrel to the tip of the nozzle. Then apply a small amount of material onto a sterile napkin to ensure appropriate mixing and material consistency.

Begin by placing the syringe tip or gun nozzle approximately one-half inch, or 13 millimeters, into the ear canal. Gently inject the material into the canal. As the material begins to flow back to the tip of the syringe or nozzle, slowly back the tip out of the ear canal while applying consistent pressure to the syringe or gun; this helps ensure constant flow of material. Once the canal portion is filled, continue to fill the tragus, anti-tragus, concha bowl and helix regions. Fill the remaining portion of the ear, making sure all anatomical landmarks of the outer ear have been filled with an adequate amount of material.

Inject material into the ear

Fill canal, tragus, anti-tragus, concha bowl, helix and outer ear

Open-jaw vs. closed-jaw impression? Customers often ask, when should I take an open-jaw versus a closed-jaw impression? We recommend open-jaw impressions in the following cases:

1. The patient has significant mandibular displacement with jaw movement.
2. The patient experiences feedback with jaw movement.
3. The ear canal is straight, lacks retention and/or hearing aid slides out of the ear.
4. The patient complains about a decrease in hearing instrument volume when opening or closing jaw.

When conducting an open-jaw impression, it's important to follow this procedure to capture a truly open impression:

1. Insert the bite block between the front teeth (central incisors).
2. Insert the otoblock.
3. Inject the silicone impression material into the ear.
4. Give the impression material adequate time to cure.
5. Remove the impression.
6. Remove the bite block.

Step 6

Removal of the impression

Allow the impression to cure for the amount of time stated on the impression material instructions. Check to see if the impression has cured by gently pressing an ear tip light into the impression material to see if the indentation remains. If there is no indentation and the material is not tacky, the impression has cured. Before removing the impression, it's important to relieve pressure by gently pulling outward on the pinna and loosening the material away from helix area and down through the anti-tragus. Grasp the anti-tragus region with your thumb and the helix region with your index finger. If there is no discomfort, slightly rotate the impression forward towards the patient's nose and pull outward.

Good to know!
If you are having difficulties alleviating the pressure, sometimes suggesting the customer to open and close their jaw can help break the seal. In addition, vented otoblocks can be used to alleviate this problem.

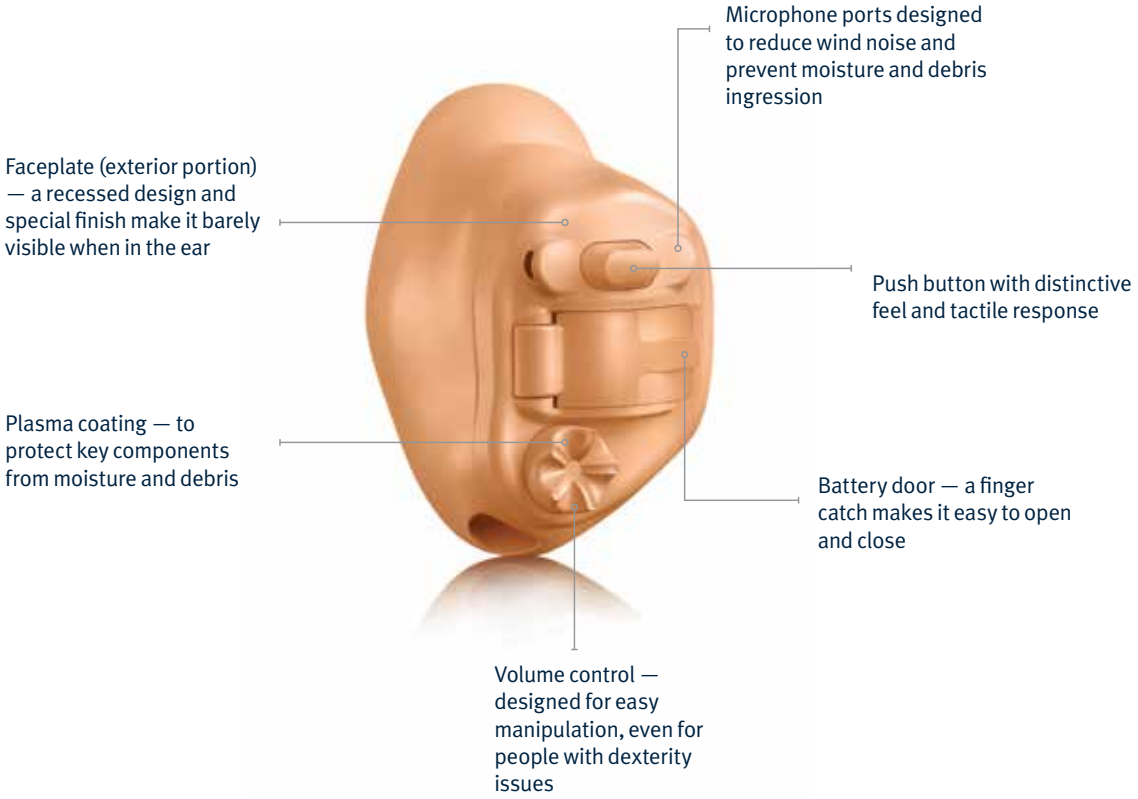
Removing impression

2

Custom products

Benefits of custom hearing instruments

Custom hearing instruments offer a variety of benefits to patients. As far as appearance, smaller custom products fit discreetly behind the tragus, providing a cosmetically satisfying solution. In addition, they are offered in a variety of skin tone colors that blend naturally with the ear. From a performance perspective, custom products provide improved localization, can alleviate occlusion, offer a solution for wind noise management and are easier to use on the telephone. Lastly, custom products offer ergonomic advantages in that their one-piece design makes them easier to remove and insert.



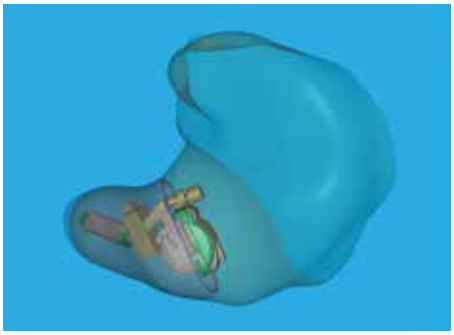

File Edit View Options Mode Scripting Help
Clipping

Your patients deserve a great first fit

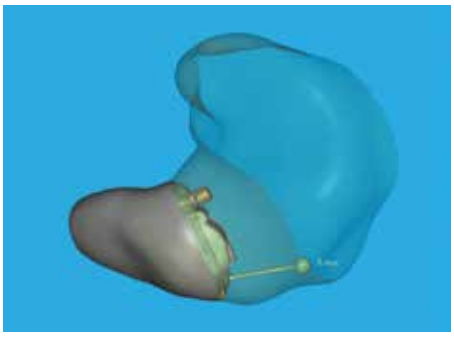
Unitron, a leader in custom hearing instruments, uses a proprietary technology — Rapid Shell Modeling (RSM) — to generate virtual 3D hearing instrument shells. RSM captures more than 10,000 data points from an individual ear impression to help ensure an exact fit and determine the optimal placement of components. The end result is the smallest possible, best-fitting device with the technology and features your patients need.

The process begins with the digital scanning of each patient's ear impressions, which are stored for future reference in case of a style change or lost instrument.

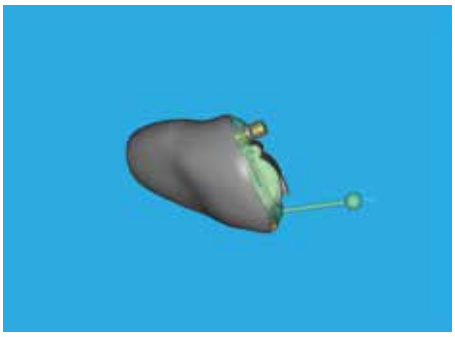
The virtual build begins with our proprietary 3D modeling software, which converts the digital scan to a cloud model with thousands of points.



The optimal placement of components and venting options is then determined, based on an automated analysis involving hundreds of thousands of custom builds.



The finished build, shown inside the cast, is the result of the sophisticated automation that allows us to create the smallest possible hearing instrument for each patient.



The finished build, shown outside the cast, concludes the virtual modeling, built with all the parts necessary pulled automatically, saving time and ensuring order accuracy.

The finished product is cosmetically pleasing and built for a great first-fit experience, right out of the box.

Custom product style options

Unitron custom hearing instruments are offered in six styles; full shell, half shell, canal, mini canal, completely-in-the-canal and invisible-in-the-canal. Unitron's state-of-the-art custom manufacturing facility uses a proprietary UV-curable acrylic plastic shell that is hypoallergenic and custom-crafted for each patient. Unitron offers several custom hearing aid options to address the individual needs of each of your patients. Custom options include: directional microphones, push buttons, volume controls, IntelliVent technology, wireless technology and wireless accessory compatibility.

Full shell

Unitron full shell custom products are designed for patients with mild to profound hearing losses. Full shell devices provide natural sound quality and are recommended for patients who require maximum retention, ergonomics, ease of insertion/removal, long battery life and options such as a telecoil, volume control or push button.

Canal and half shell

Unitron canal and half shell custom products are designed for patients with mild to severe hearing losses. Canal and half shell devices provide natural sound quality and are recommended for patients who are concerned about cosmetics and need the benefits of custom options, such as a directional microphone, volume control or push button.

Mini canal

Unitron mini canal custom products are designed for patients with mild to severe hearing losses. Mini canal devices provide natural sound quality and are recommended for patients who have cosmetic concerns but require the benefits of a directional microphone and other options, such as a volume control.

Completely-in-the-canal

Unitron completely-in-the-canal custom products are designed for patients with mild to severe hearing losses. CIC devices provide natural sound quality, as well as wind noise reduction and improved directionality due to the location of the faceplate behind the tragus. CIC devices are recommended for patients who are looking for a cosmetically discreet solution, yet would like some manual control, such as a push button.

Invisible-in-the-canal

Unitron invisible-in-the-canal custom products are designed for patients with mild to moderate hearing losses. IIC devices provide natural sound and enhanced directionality due to the recessed faceplate. IIC devices are recommended for patients who have cosmetic concerns and are looking for a "fit-and-forget" solution.

Custom product color options

14 Tan | 22 Cocoa | 26 Pink | 28 Brown

06 Black* | 14 Tan | 22 Cocoa | 26 Pink | 28 Brown

Custom product canal length options

Things to know

Full length of impression – The hearing instrument or earmold will be made the entire length of the impression. This is suggested for patients with moderate to profound hearing losses.

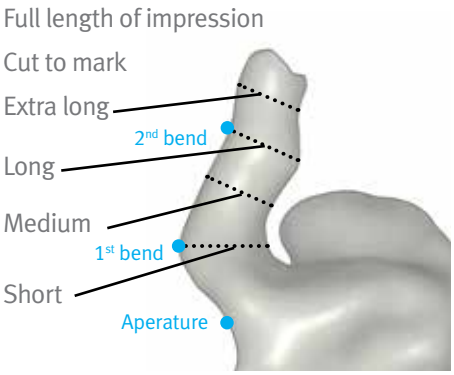
Cut to mark – This canal length is customized for each patient based on the mark you provide. The mark helps Unitron know exactly where to cut the canal for the individual patient's needs. This is suggested if a specific canal length is required or if the patient has soreness or a growth in the ear canal or a surgical ear.

Extra-long – The canal is cut 2 to 4 millimeters beyond the second bend. An extra-long canal is suggested for moderate to profound hearing losses.

Long – The canal is cut beyond the second bend. A long canal is suggested for moderate to profound hearing losses or for patients with occlusion.

Medium – The canal is cut between the first and second bends. A medium canal length is suggested for mild to severe hearing losses.

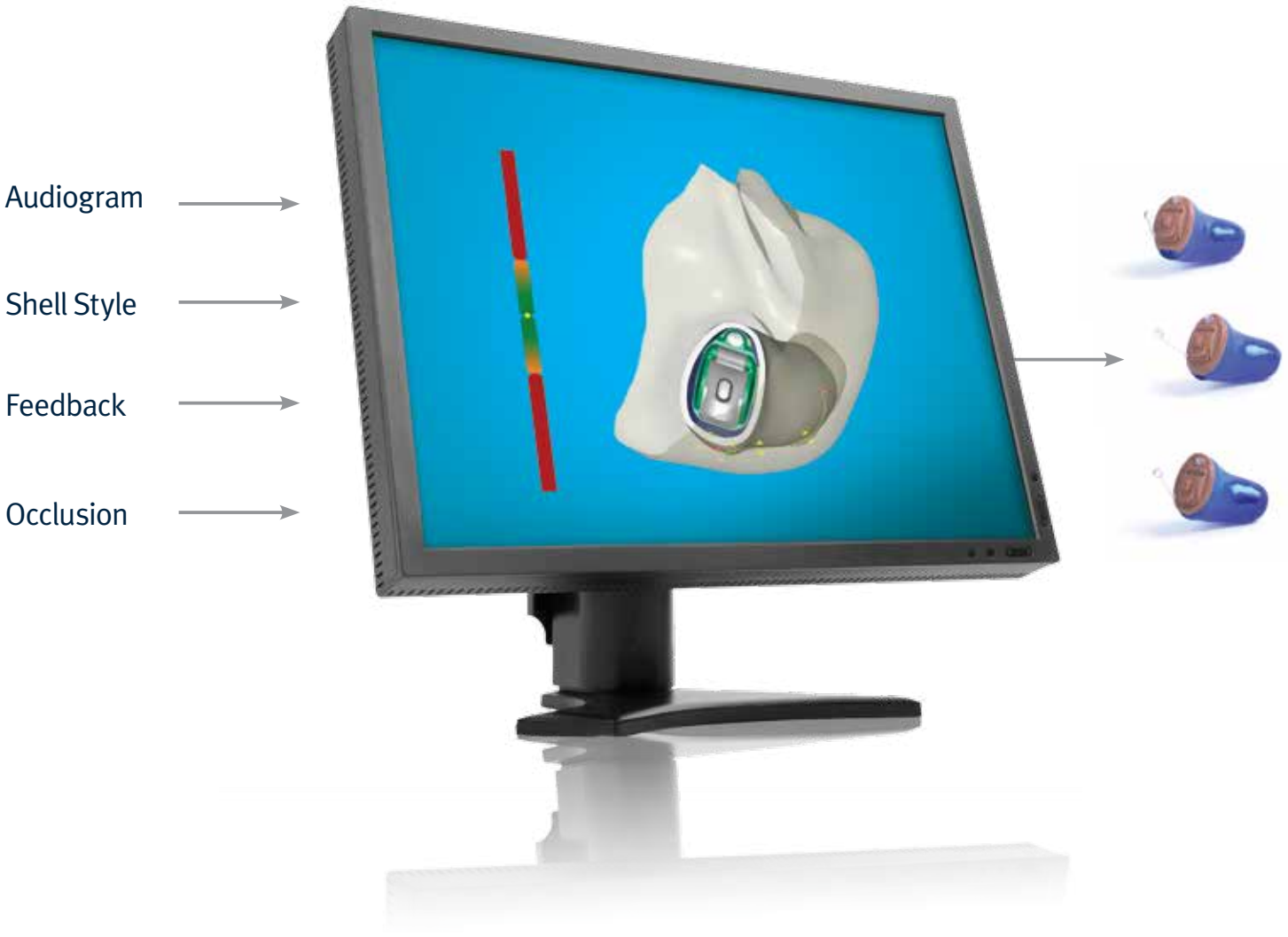
Short – The canal is cut just beyond the first bend. A short canal is suggested for mild to moderate hearing losses, narrow ear canals and/or patients with occlusion.



*IIC only

IntelliVent takes the guesswork out of vent size selection and fitting

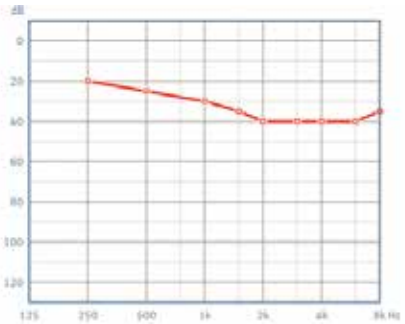
Unitron's exclusive IntelliVent technology uses an algorithm based on thousands of ear impressions to automatically select the appropriate vent based on shell shape and size, hearing loss, potential for feedback and amount of occlusion. The net result is a custom hearing instrument with less feedback and occlusion. Quality data reveals that hearing instruments made with IntelliVent have a 50% lower remake rate than comparable hearing instruments made with conventional vent selection.



Custom product vent selection

A vent is a hole in the custom hearing instrument or earmold that provides low-frequency reduction to the frequency regions below 1000 Hz (Lybarger, 1980). The larger the vent, the greater the reduction of low frequencies. Venting can also help reduce the occlusion effect, as well as providing pressure equalization and allowing sound to enter the ear canal. In addition, venting can create a feedback pathway. Therefore, careful consideration must be used when selecting the vent. It must accommodate the gain requirements of the hearing instrument and, at the same time, not be so large in diameter that it creates a feedback pathway.

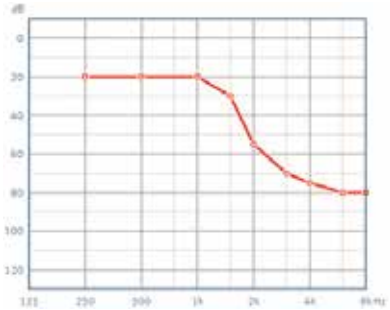
Mild hearing loss



Unitron recommends as large as possible, large Select-a-Vent (SAV), or IntelliVent for mild hearing losses

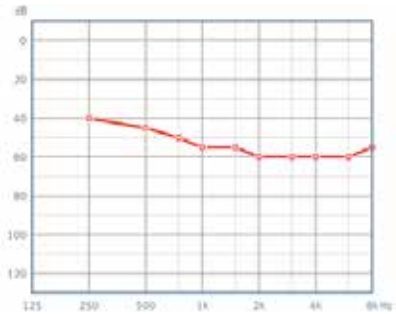
Ski slope

Precipitous high frequency hearing loss



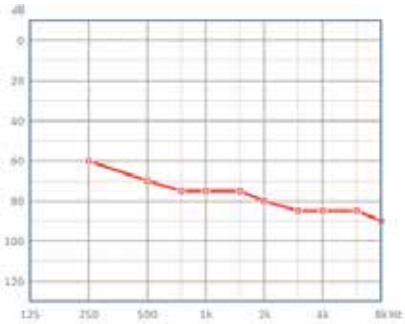
Unitron recommends an IROS vent, as large as possible, large SAV or IntelliVent for precipitous high-frequency hearing losses

Moderate hearing loss



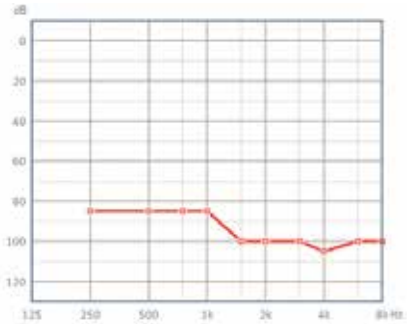
Unitron recommends a medium-sized SAV or IntelliVent for moderate hearing losses

Moderate to severe hearing loss



Unitron recommends a small SAV, pressure SAV or IntelliVent for moderate to severe hearing losses

Severe to profound hearing loss

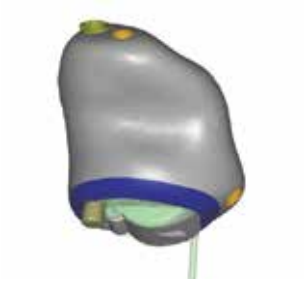


Unitron recommends a pressure vent, IntelliVent or no vent for severe to profound hearing losses

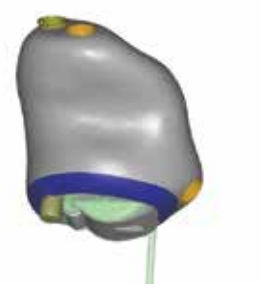
Custom product venting options

Unitron custom hearing instruments are available with a wide variety of venting options. The most effective vent diameter is determined by our Rapid Shell Modeling technology.

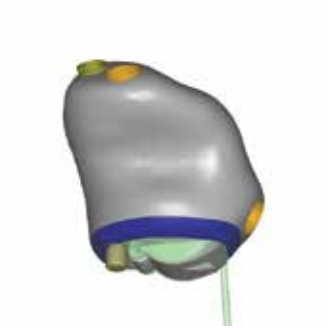
IntelliVent
(audiogram required)



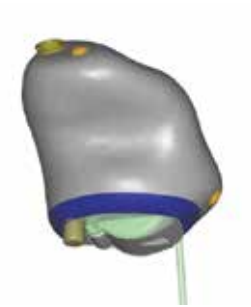
Select-a-Vent (SAV)
small 1.8 mm



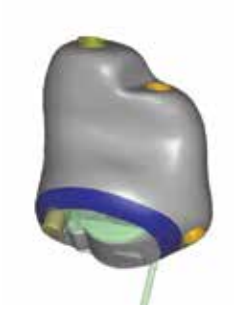
Select-a-Vent (SAV)
medium 2.5 mm



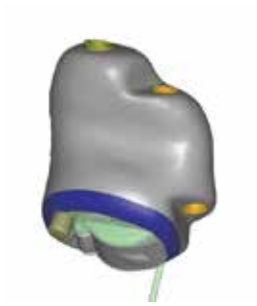
Select-a-Vent (SAV)
large 3.0 mm



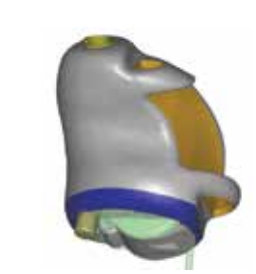
Pressure vent 1.5 mm



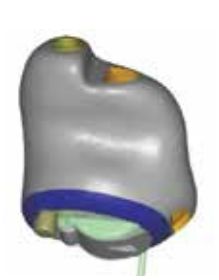
IROS vent A



IROS vent B



IROS vent C



As large as possible

Select-a-Vent (SAV)
diameter tool

Wax protection system options

Unitron offers several wax protection systems to help protect your patients' hearing instruments from cerumen. Cerumen is a naturally produced substance that's designed to protect, clean and lubricate the ear canal. Cerumen can build up inside a hearing instrument, causing the amplification to seem weak or nonexistent. Unitron's wax protection systems are designed to provide a barrier to wax penetrating the receiver.

Cerustop wax filter – A field-replicable wax protection system with a white wax basket that helps prevent wax from reaching the receiver.

WaxShield wax filter – A field-replaceable wax protection system that inserts into the receiver tube and provides a barrier for wax accumulation.

Wax spring wax filter – A field-replaceable wax protection system which is inserted into the receiver tubing to prevent wax from infiltrating the receiver.

Extended receiver tube – This wax protection system helps trap wax at the end of the receiver tube and is an option for patients who have narrow canal tips, i.e., where other wax system options wouldn't physically fit.

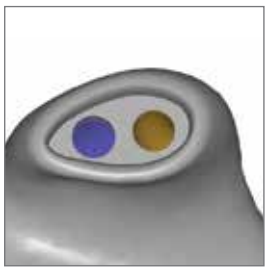
Bell bore – With this wax protection system, the canal tip is recessed by 2 to 3 millimeters to help trap wax.

Cerustop wax filter

WaxShield wax filter

Wax spring wax filter

Extended receiver tube



Bell bore

Mic protection options

MicGuard – This field-replaceable microphone protection system on CIC and IIC devices is designed to protect the microphone from dirt and debris.

MicProtect screens – Microphone screens, with an acoustically transparent membrane, are designed to protect the microphone from dirt and debris.

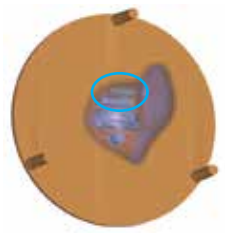
MicGuard

MicProtect screens

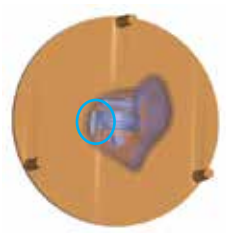
Phone, loop and wireless options

Telecoil

The telecoil is a small wired coil that detects electromagnetic signals emitted by various devices, including loop systems and telephone handsets.



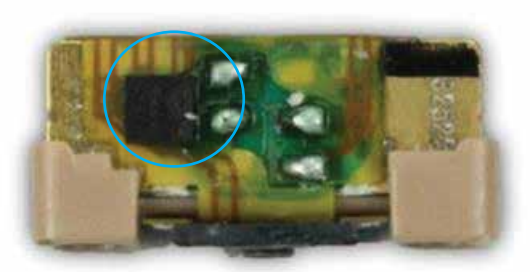
Horizontal orientation optimal for telephone use



Vertical orientation optimal for loop system

Easy-t

An optional feature, the easy-t automatically switches the hearing instrument to a telephone program whenever the wearer is on the phone.



Wireless

An optional antenna in the hearing instrument allows the hearing instrument to communicate with Unitron wireless accessories. It also enables sharing of data and audio signals between the hearing instruments.

Custom dexterity options

Removal notches – Grooves in the helix and intertragal notch are designed so fingernails can grasp this area to insert and remove the device.

Removal filament – Filament line is used to assist with removal of the instrument.

Attachment hook – A loop inserted on the hearing instrument is used in conjunction with an OtoClip to prevent loss of the hearing instrument.

Raised volume control – A cap is inserted on the volume control, making it easier to locate on the faceplate.

Removal post – An acrylic post is placed on the instrument to assist with insertion and removal.

Color dots – Large color dots are placed on both instruments, serving as a visual indicator of right versus left.

Removal notches

Removal filament

Attachment hook

Raised volume control

Removal post

Color dots

Custom shell options

Canal lock – Additional material is cast in the anti-tragus and concha bowl area to assist with retention.

Helix lock – Additional material is placed in the helix region to assist with retention.

Canal lock

Helix lock

3

Earmolds

100% digitally manufactured earmolds

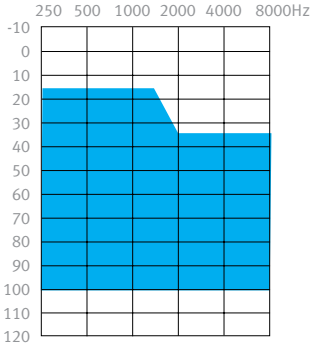
Unitron is your convenient one-stop shop for earmolds and hearing instruments. Available in acrylic, silicone and soft silicone, our earmolds are 100% digitally manufactured to ensure a perfect fit. In our state-of-the-art lab, we keep your patients' digitally scanned ear impressions on file for more than two years, creating an easier, timesaving pathway to remakes.

Earmold material options

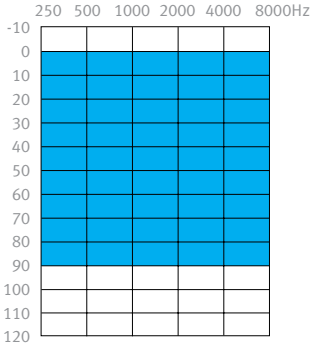
When selecting an earmold material for your patients, there are a number of factors to consider, including: hearing loss, ear texture, age, possible allergies to materials, color options, modification options and tubing options.

Name	Characteristics	Advantages
Acrylic	Hard	Hard, durable Hypoallergenic Easy to modify in clinic Recommended for mild to severe hearing losses
Silicone	Semi-soft	Firm, semi-flexible Designed to provide added comfort over hard material Hypoallergenic Recommended for mild to profound hearing losses Recommended for pediatric patients Available in specialty colors and glitter options
Soft Silicone	Very soft	Soft, flexible material with superior sealing properties Hypoallergenic Recommended for severe to profound hearing losses Recommended for pediatric patients

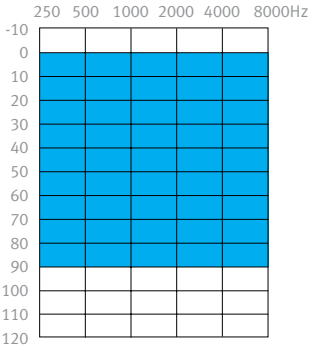
Earmold style options



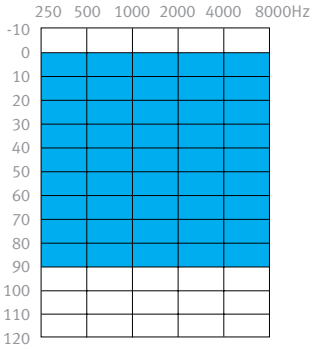
Full shell – Provides maxiumum retention; recommended for mild to profound hearing losses. Available in acrylic, silicone and soft silicone.



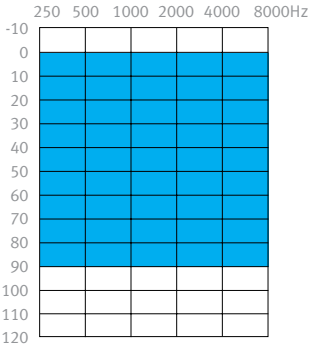
Half shell – Provides good retention; recommended for mild to severe hearing losses. Available in acrylic, silicone and soft silicone.



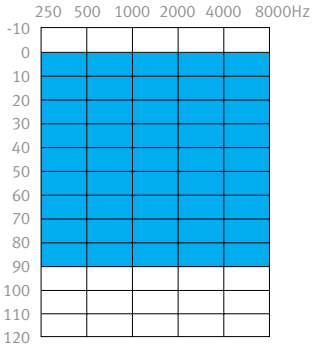
Skeleton – A cosmetic solution with good retention; recommended for mild to severe hearing losses. Available in acrylic and silicone.



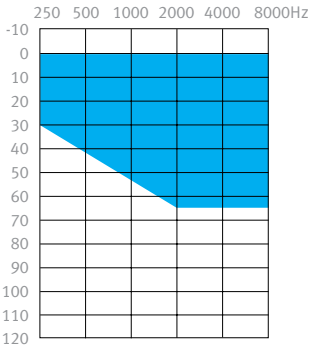
Semi-skeleton – A cosmetic solution with retention; recommended for mild to severe hearing losses. Available in acrylic and silicone.



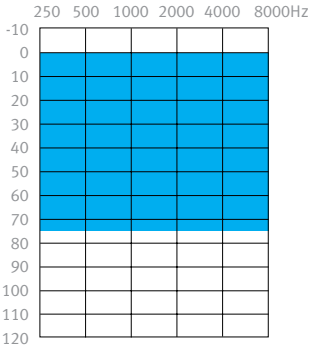
Canal lock – A cosmetic solution when retention is required; recommended for mild to severe hearing losses. Available in acrylic and silicone.



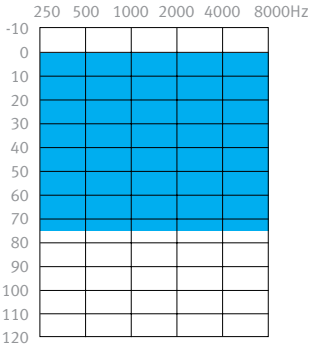
Canal mold – A cosmetic solution when retention isn't a concern; recommended for mild to severe hearing losses. Available in acrylic, silicone and soft silicone.



CROS mold – A non-occluding earmold recommended for mild to moderate high-frequency hearing losses or CROS fittings. Available in acrylic.



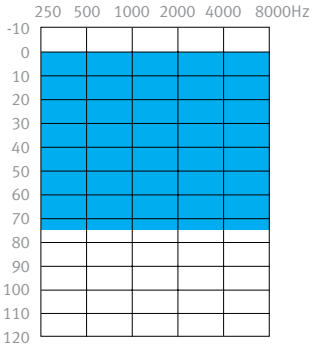
Solid sleeve mold – For RIC devices or slim tubes; recommended for mild to severe hearing losses. Available in acrylic, silicone and soft silicone.



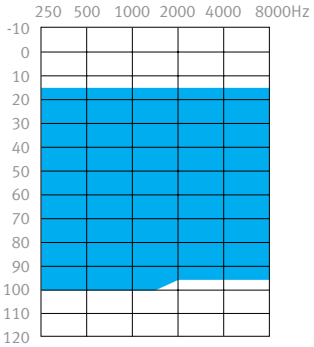
Hollow sleeve mold – Recommended for mild-to-moderate hearing losses. Can be used with either RIC technology or slim tubes. Available in acrylic.

cShell – A custom shell option for receiver-in-the canal devices; recommended for moderate to severe

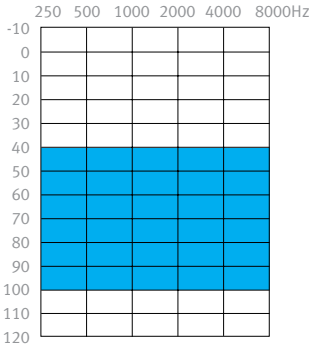
XL cShell – A larger cShell option; the receiver wire comes out of the top of the faceplate.



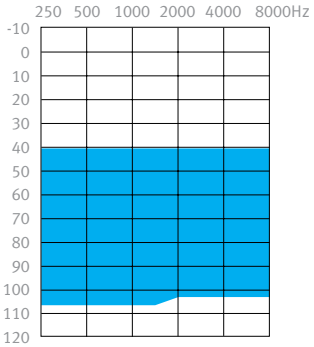
Standard receiver



Power receiver



Super-power receiver



Super-power plus receiver

Unitron SDS 3.0

Unitron instant-fit dome options for receiver-in-the-canal and slim-tube BTE products. Shown in smoky gray.

Open dome

Closed dome

Power dome

Earmold color options

Glitter Silicone


Sugar plum (L1)


Bubble gum (K5)


Cotton candy (K6)


Candy apple (K3)


Cherry popsicle (K7)


Limeade (K9)


Wintermint (L4)


Sour apple (L2)


Blueberry slush (K4)


Orange sorbet (K0)


Lemon drop (K8)


Sugar cube (L3)

Solid Silicone


Red (10)


Purple (08)


Blue (07)


Yellow (20)


Orange (11)


Green (17)


Black (06)


White (19)

Swirls (Silicone)

Any combination of solid colors (up to 3)

Earmold tubing options

Standard slim tube – compatible with most Unitron BTEs

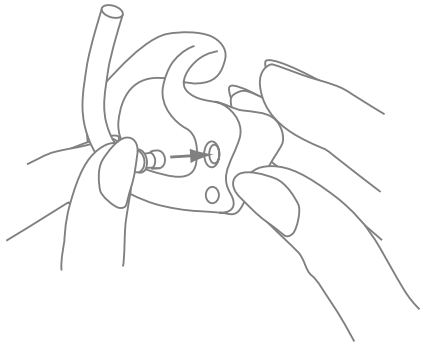
Standard size 13 earmold tube (default acrylic) – compatible with most Unitron BTEs

Libby horn earmold tube – compatible with most Unitron BTEs; can provide additional high-frequency gain

Power slim tube – compatible with Max SP and Max SPm

Standard size 13 earmold tube with TRS (default) – compatible with silicone and soft silicone earmolds

Standard size 13 earmold tube with tube lock – compatible with silicone and soft silicone earmolds



QuickSnap – a glueless tubing system for all custom earmolds and an alternative to 13 regular or 13 heavy wall tubing; delivers the same acoustic response as standard glued earmold tubes, yet offers the advantages of a simple press-fit design with no glue mess.

Earmold venting options

Unitron venting options:

Intellivent (audiogram required)

Select-a-Vent

- Pressure vent 1.5 mm
- Small vent 1.8 mm
- Medium vent 2.5 mm
- Large vent 3.0 mm

Cavity vent

- Pressure vent 1.5 mm
- Small vent 1.8 mm
- Medium vent 2.5 mm
- Large vent 3.0 mm

IROS vent A

IROS vent B

IROS vent C

As large as possible

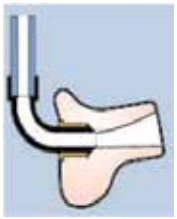
No vent

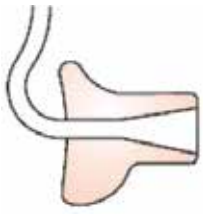
(Refer to page 21 for images.)

Earmold bore options

Horn effects

Bell bore – This bore option features a “horn” effect — an enlarged sound bore relative to the earhook; designed to provide increased high-frequency SPL.





Earmold modification tools

Earmold reamer – used for cleaning out old tubing from earmolds (026-5575 and 026-5576)

Core drills – used for venting earmolds (026-5574)

Tubing air blower – helps remove moisture from earmold tubing (026-5580)

Fishline tubing puller – helps pull tubing through an earmold (026-5581)

Wire loop tubing puller – helps pull tubing through the earmold (026-5584)

Tubing expander pliers – designed to expand earmold tubing for ease of insertion on earhook (026-5579)

Grinding cap holder – used with grinding caps (at right) for trimming silicone; attaches to modification equipment (026-5570)

Grinding caps, 150 grain – cap slides onto grinding cap holder for minor trimming/modifying of silicone (021-1032)

Grinding caps, 80 grain – cap slides onto grinding cap holder for sizable trimming/modifying of silicone (021-1033)

If you have any questions, please contact Unitron Customer Service at 800.888.8882, ext. 2.

Ear impression supplies and accessories

Impression material

UH silicone gun cartridges (8/box) 095-5042
UH bulk tub material 80 impression 095-5032

Impression-taking supplies

Otoprobe earlight (1) 026-5577
Straight probe tip for earlight (1) 026-5578
Splead pads (2 pads of 50) 026-5586
Bite blocks (100) 095-5031
DM-50 manual impression gun (1) 026-5588
Mixing tips for DM-50 cartridges (100) 021-5282
Professional silicone syringe (1) 021-5281
Cotton otoblocks- large (50) 095-5027
Foam otoblocks- large (50) 095-5030
Cotton otoblocks- medium (50) 095-5026
Foam otoblocks- medium (50) 095-5029
Cotton otoblocks- small (50) 095-5025
Foam otoblocks- small (50) 095-5028

Tubing

13 Clear standard (25) 004-8227-21
13 Clear thick (25)..... 004-8228-21
13 Clear thick tube lock (25) 021-5277
13 Clear dri-tube standard (10) 004-8229-21
13 Pink dri-tube (10) 004-8229-M4
13 Pink thick tube with TRS (10) 0..... 004-6380
13 Brown dri-tube (10) 004-8229-L7
13 Brown thick tube with TRS (10) 004-6381
13 Pink dri-tube thick with TRS (10) 004-6432
13 Clear dri-tube thick with TRS (10) 004-6376
13 Brown dri-thick tube with TRS (10) 004-6433
QuickSnap standard clear (10) 004-7066
QuickSnap thick clear (10) 004-7067
4mm Libby horn (6) 095-0060
3mm Libby horn (6) 095-0061

Tube locks

Brass tube locks (minimum quantity=10) 004-0862

Modification/Tubing tools

Core drills (Set of 3) 026-5574
Grinding cap holder (1) 026-5570
Grinding caps- grain 80 (5) 021-1032
Grinding caps- grain 150 (5) 021-1033
Reamer #13 (1) 026-5575
Reamer #16 (1) 026-5576
Tubing expander pliers (1) 026-5579
Tubing puller- fishline (1) 026-5581
Tubing puller- wire (1) 026-5584
Tubing air blower (1) 026-5580

If you have any questions, please contact
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References

Lybarger SF (1980) Earmold venting as an acoustic control factor. In: Studebaker GA, I. Hochberg I, eds. Acoustical Factors Affecting Hearing Aid Performance. Baltimore: University Park Press; 197-217.

Mueller. G. & Hall, J. (1998). Audiologist's Desk Reference. Singular Press. Chapter 2, pp. 67-112.

Pirzanski C. (1996). An alternative impression-taking technique: The open-jaw impression. The Hearing Journal 49(11);30-35.

Pirzanksi C. (2004) Earmold and acoustics and technology. In: Sandlin R, ed. Hearing Aid Amplification. San Diego: Singular Publishing Group; pp. 137-169.

Pirzanski, C. (2002). A practical guide to impression syringes and pistol injectors. The Hearing Journal. 55(6), 30-33.

At Unitron, we care deeply about people with hearing loss. We work closely with hearing healthcare professionals to provide hearing solutions that improve lives in meaningful ways. Because hearing matters.

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