Science **made** smarter

Equinox Evo

Audiometry **made** evolutionary

The future of audiometry

Interacoustics

Audiometry | Tympanometry | ABR | OAE | Hearing Aid Fitting | Balance

Audiometry **made** evolutionary

The world of audiology is constantly evolving, and we evolve with it. New technology helps us offer better treatment options and improve life for people with hearing loss. Our patients are also changing. Children need more engaging methods for behavioral testing, and older patients are living longer and healthier lives, increasing the demand for hearing care. It is time to take the next step and move into the future of audiometry.

Introducing the Equinox Evo and Touch Keyboard. Together, they provide the simplicity and functionality essential for any audiometry setup.

The Equinox Evo is a 2-channel clinical audiometer that moves beyond traditional hearing testing adding more than simple audiometry to the clinic or hospital. It contains the latest tests for pediatric audiometry and a large battery of advanced tests – such as the Audible Contrast Threshold (ACT™). Our new Free Field+ allows you to perform advanced testing in the free field with ease.

The wireless Touch Keyboard with ergonomic dials and dedicated test screens only shows what you need for each specific test. Everything you need is at your fingertips, allowing you to concentrate on your patient.

Combine the Touch Keyboard with the Equinox Evo for an effective solution that gives you all the benefits of a traditional, standalone audiometer and a PC-based audiometer. You can tailor the solution to your needs and for all age groups – from the young child that needs early identification to the elderly population in need of hearing aids to take part in life again.

The Equinox Evo and Touch Keyboard will play a pivotal role in diagnosing hearing impairments and improving the quality of life for people with hearing loss across the world – now and for many years to come.

We say it is Audiometry **made** evolutionary.

Advanced audiometry **made** simple

In the modern hearing clinic, we have access to a huge variety of audiological tests to allow accurate diagnostics of different patients. These tests are becoming ever more advanced and time consuming to perform.

With the Equinox Evo 2-channel clinical audiometer, you get a groundbreaking audiometric experience which improves test flows and patient care.

Flexibility to manage complex test setups
With Free Field+ (FF+), you can connect up to four speakers to your Equinox Evo device, providing you with the flexibility to switch between different free field setups.

This could be a two-speaker setup for visual reinforcement audiometry (VRA) assessments or a three-speaker setup for cochlear-implant candidacy assessments.

Conversations made clearer
Using a simple setup with transducers and a patient response button, the Audible Contrast Threshold (ACT™) test offers an objective and language-independent way of addressing hearing-in-noise ability.

The ACT test will produce an ACT value for your patient. The lower the ACT value, the better your patient will be able to hear speech in noise. The higher the ACT value, the more difficulty they will have hearing when in background noise.

Thus with the ACT value, you are in an even better position to make informed decisions on advanced hearing aid features and manage your patient's expectations.

Hassle-free data management and sharing
Use integrated counseling tools to efficiently counsel patients, and save time by storing reports in OtoAccess, Noah, or your own EMR system via HL7. Rest assured that all your data will be securely consolidated in one place.

If your facility already uses other diagnostic or fitting solutions from Interacoustics, using OtoAccess will allow you to easily integrate Equinox Evo into your clinical workflow.

Free Field* allows you to easily switch between different free field setups with up to four speakers according to your testing needs.

Audiometry at your fingertips

The Touch Keyboard allows your workflow to evolve with the patients you work with. It combines the ergonomics of a standalone audiometer with the benefits of PC-based audiometry, allowing you to perform all your tests in one compact space.

Simplify your workflow
The dedicated test screens provide the simplicity and everything you need at your fingertips.

Flexible pediatric testing
You can use the Touch Keyboard wirelessly in a dedicated pediatric mode, allowing you to bring the keyboard closer to the child for interactive pediatric testing.

The dedicated screen for pediatric assessments provides you with full control over the output levels of the channels, frequency changes, and the visual rewards.

The first audiometric solution to integrate a touch keyboard with dials

Dedicated pure tone audiometry screen.

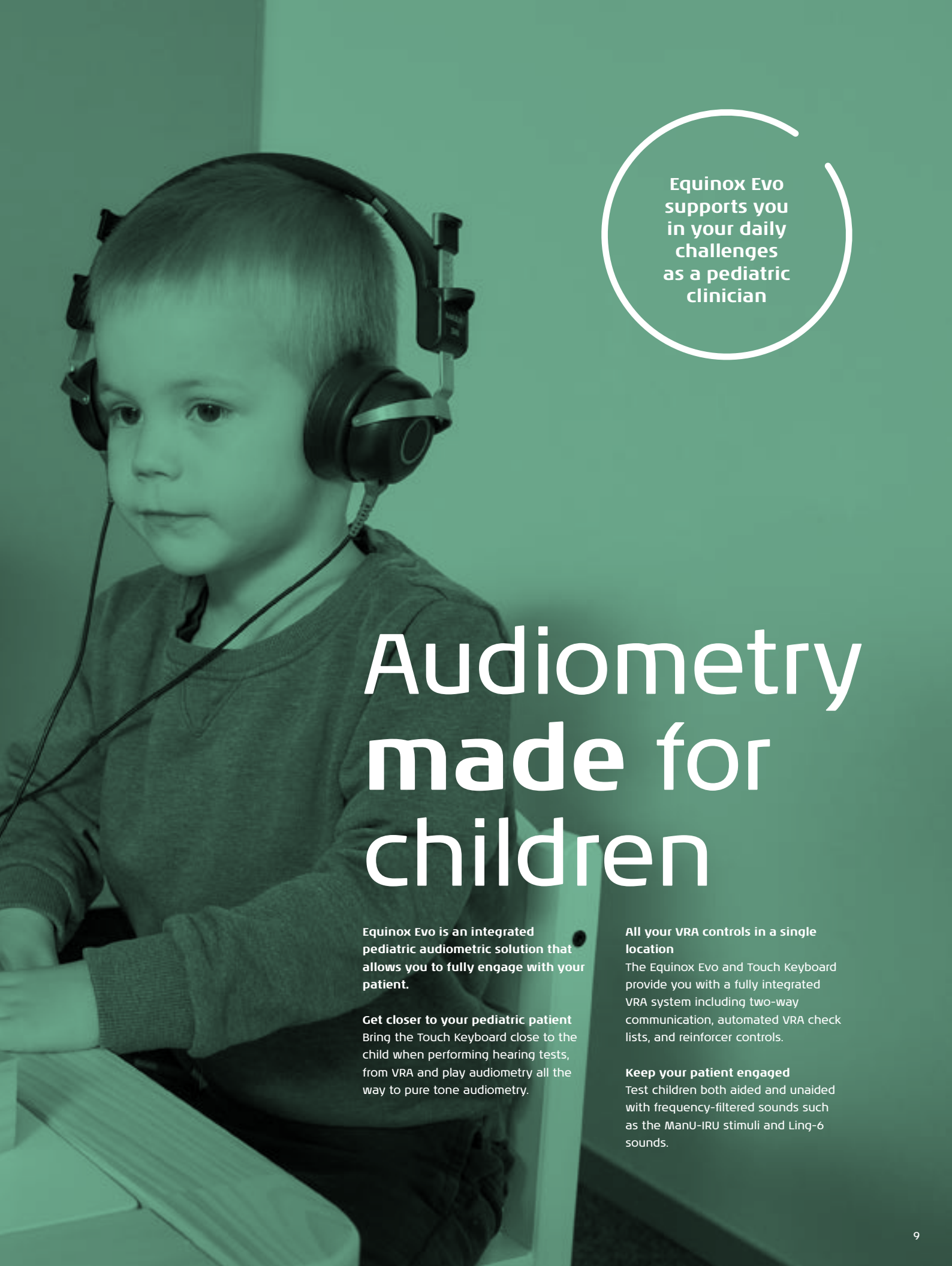
All you need for pediatric assessments.

Scoring speech results is simple with the Touch Keyboard.

Dedicated test screens to make sure you only see what you need.

Did you know you can?

- Use the wireless Touch Keyboard to get closer to your pediatric patient.
- Simplify your audiometry assessment by using the Touch Keyboard with integrated VRA controls.
- Use of a range of stimuli including frequency-filtered sounds to help maintain the child's attention.
- Record and review VRA responses using the automated check list.



Equinox Evo supports you in your daily challenges as a pediatric clinician

Audiometry **made** for children

Equinox Evo is an integrated pediatric audiometric solution that allows you to fully engage with your patient.

Get closer to your pediatric patient
Bring the Touch Keyboard close to the child when performing hearing tests, from VRA and play audiometry all the way to pure tone audiometry.

All your VRA controls in a single location
The Equinox Evo and Touch Keyboard provide you with a fully integrated VRA system including two-way communication, automated VRA check lists, and reinforcer controls.

Keep your patient engaged
Test children both aided and unaided with frequency-filtered sounds such as the ManU-IRU stimuli and Ling-6 sounds.

Overcoming VRA challenges
One of the main challenges in VRA is the extensive multitasking required. Audiologists must control the audiometer, manage visual reward controls, enter information on a check list, make clinical decisions, and monitor the child's responses - all simultaneously.

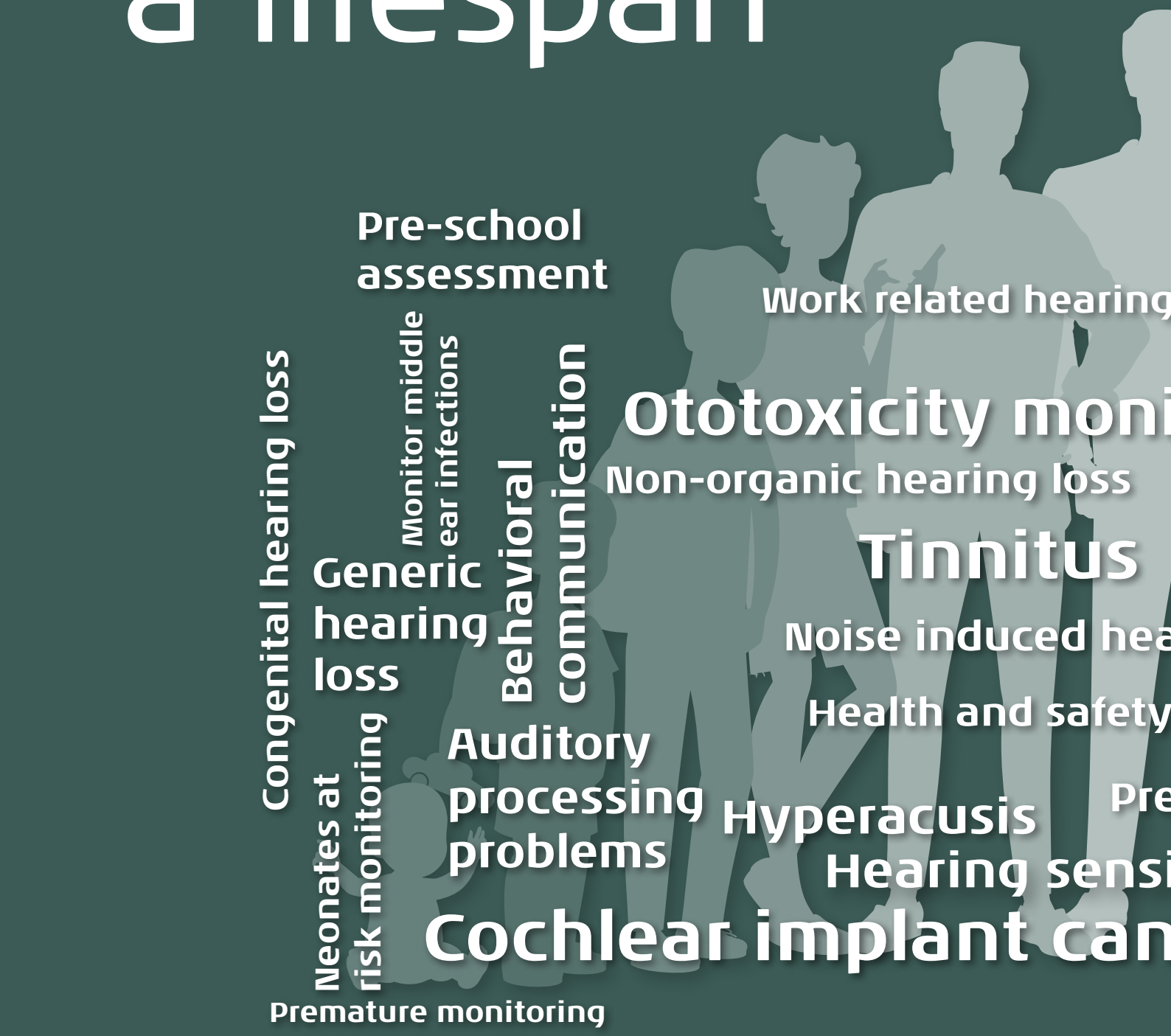
Integrated VRA controls
Equinox Evo offers integrated VRA controls within the suite and Touch Keyboard, eliminating the need for multiple systems. This simplifies the process, making it more accessible and reducing the need for multitasking.

Two-way communication
Equinox Evo also provides a two-way communication system with wired headsets that work through the audiometer. This setup allows both clinicians to hear each other and the audiometer stimuli, ensuring seamless coordination.

Best-practice VRA with automated check lists
The automated check list in Equinox Evo reduces your workload by automatically entering VRA responses into an integrated check list. This provides you with a simple overview and record of the stimuli presentations and responses recorded.

Focus on clinical decision making
By simplifying the process, you can concentrate on the child and your clinical decisions, rather than managing multiple devices and controls.

Audiometry **made** across a lifespan



Each patient is different and therefore each clinic needs tools which can be customized and evolve with the patient throughout their life.

For every age
The Equinox Evo offers the most comprehensive test battery to support the clinical assessment of all patients – regardless of age.

For every individual
Two patients with the same audiogram can experience hearing loss differently. With the Equinox Evo, you can personalize your testing strategy for their individual needs.

For the future
With the Equinox Evo and Touch Keyboard, you have all the latest audiometric advancements on a single platform designed to grow with your clinical needs.

With a wealth of tests and functionalities, you can tailor the Equinox Evo to your needs

Pure tone audiometry
Tone audiometry - Hearing level (HL) - Most comfortable level (MCL) - Uncomfortable level (UCL)
Bone conduction - Mastoid - Forehead
Masking - Masking helper - Auto masking
High frequency (HF), up to 20 kHz
Multi frequency (MF)
Weber
Stenger
Tone Decay
Tone in noise (Langenbeck)
Threshold Equalizing Noise (TEN)
Short Increment Sensitivity Index (SISI)
Alternate Binaural Loudness Balance (ABLB - Fowler)
Tinnitus test modality - Pure tone threshold - Loudness matching - Frequency matching
Acceptable noise level (ANL)
Masking Level Difference (MLD)
Free Field+ (FF+)

Pediatric assessment
Integrated visual reinforcement audiometry (VRA) controls with designated VRA jack that supports a variety of VRA systems
Automated check list
Frequency-filtered sounds - Ling-6 sounds - Pediatric noise - ManU-IRU stimuli

Speech
Speech recognition threshold (SRT)
Word recognition (WR)
Phoneme score
Binaural Speech
Speech in quiet (SIQ)
Speech in noise (SIN)
Audible Contrast Threshold (ACT™)
Quick speech in noise (QuickSIN™)

Counseling
Master Hearing Aid (MHA)
Hearing Loss Simulator (HLS)
SoundStudio

Communication and monitoring
Talk Forward: Enables the clinician to speak through the microphone and directly to the patient.
Talk Back: Allows the patient to talk to the clinician outside the booth.
Monitor: The monitor headset allows the clinician to listen to Channel 1 and 2 and the Talk Back from inside the booth.
Assistant monitor: Extra monitor headset for the assistant inside the booth where the assistant and operator are able to communicate both ways.
Telehealth: it is possible for the medical clinician to follow the test while trained personnel perform measurements. It also allows for remote, two-way communication using the assistant monitor headset.
Quality Indicators: Ensures that all test procedures have been followed and gives the clinician a visual view of what has been tested and what is missing to complete the session.
Patient monitor: Simplified views of the audiogram with counseling overlays.

Keyboards
Audiometer Keyboard
Touch Keyboard

Free Field speakers – recommended speaker setup	
1 speaker	FF power, or FF line
2 speakers	FF power x2, or FF line x2
3 speakers	FF line x3
4 speakers	FF line x4

Science **made** smarter

Interacoustics is more than state-of-the-art solutions

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:
- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

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Explore our full product range online

Related products

Viot™
Video otoscope

Affinity Compact
Next generation of hearing aid fitting

Titan
Tympanometry, OAE, ABRIS and WBT

Product specifications
All technical and hardware specifications concerning all products can be downloaded from our website.

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