AC40

Clinical audiometry **made** flexible

The true clinical hybrid audiometer. – Stand alone & PC-based audiometry in one box

Made Hybrid

Interacoustics

A true hybrid audiometer

The AC40 full two-channel audiometer includes all the advanced features and functions needed by a modern clinic.

A true hybrid audiometer
The AC40 allows for complete independent use as well as for full PC-based audiometry with complete Noah and EMR/HIS integration, it is a true hybrid audiometer.
- The AC40 provides the best of both worlds for those who like the familiar, classic feel of an audiometer keyboard while simultaneously engaging the power of the PC.
- Operate the AC40 as a stand-alone audiometer (no computer)
- Operate the AC40 via computer, and
- Operate the computer via the AC40

As a True Hybrid AC40 offers full control and the flexibility to work as you prefer; even if your clinic has multiple clinicians with individual preferences and needs.

"

The hybrid interface is the way of the future
David A. Geddes, Aud
Audiology Supervisor, Health Partners, MN, USA

A full counseling solution
The AC40 gives you counseling tools to help engage and connect with your client. Whether you use your main test window or attach an external monitor directly to the AC40, you can utilise a variety of counseling tools available in the Diagnostic Suite PC software. Customizable counseling overlays include phoneme examples, sound examples, speech banana and severity indications.

Design and efficiency
The ergonomic AC40 includes an articulating, high-resolution 8.4 inch color display that presents crystal clear images for easy to read audiograms. The intuitive keypad design enables quick orientation without losing efficiency or speed. Several display choices are available to customize the readout to your personal preference

A wide range of applications
The AC40 offers a comprehensive test battery for a wide range of advanced diagnostic and research applications. AC40 also includes features making it ideal for pediatric applications and hearing aid fitting. It comes with a powerful built in amplifier for sound field applications.
- Multi-Frequency for tinnitus measurements and ototoxicity monitoring
- Pediatric Noise for frequency specific noise testing
- Automatic Testing using Hughson-Westlake and Békésy

- Masking Help and Auto Masking (PC suite only)
- Masking Level Difference (MLD) – offers a mixture of phase controlled tone and noise stimuli for testing retrocochlear function and CAPD
- QuickSIN™ for automated speech in noise testing
- TEN test for diagnosing dead regions of the cochlear
- Hearing Loss Simulator and Master Hearing Aid for hearing aid verification
- SISI for differentiating between cochlear and retrocochlear disorders
- ABLB has its own dedicated screen where any recruitment can be shown in a clear, graphical manner
- Weber for distinguishing between a conductive and sensorineural hearing loss
- High Frequency up to 20 kHz
- And more...

Counseling overlays in the Diagnostic Suite 2.0:
- Phoneme examples
- Sound examples
- Speech banana
- Severity indications

True Hybrid

Internal storage for 1,000 patients /50,000 test sessions

15dB
HL (MB)

Tone HL

1000 Hz

10dB
HL

Frequency

AC40 test screens

As a standalone audiometer AC40 provides all the necessary air, bone and masking features required for advanced diagnostic and clinical use. The built-in 8.4" high resolution color display offers dedicated test screens as well as many display and test options.

Tone audiometry
- Automatic CPT and PTA calculation
- User defined symbol scheme
- Speech banana
- Display masking information
- Easy access to main functions

Speech audiometry test features
- Live Voice, CD/MP3 or Wavefile presentations
- SRT, Word Recognition, MCL, UCL
- Recorded Word Recognition Scoring
- Binaural speech for CAPD applications
- Speech Stenger
- Built-in media player for playing prerecorded speech material
- Built-in Wavefiles
- QuickSIN™

Define multiple user test protocols on the fly
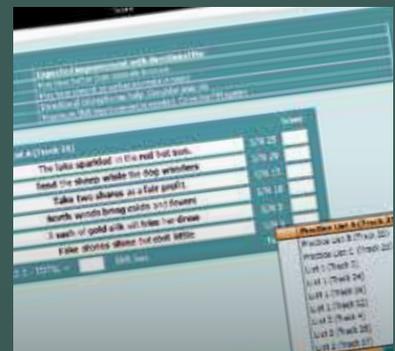
Dedicated QuickSIN™ test screen
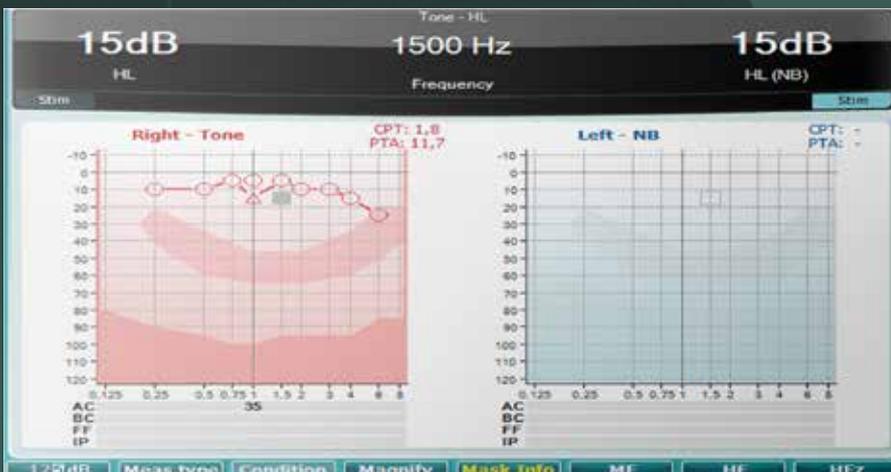
Tone screen with masking info table – single audiogram mode also available


Built-in wavefiles

Diagnostic Suite test screens

Connecting the AC40 to a PC via the Diagnostic Suite 2.0 software, enables the audiometer to be used as a true hybrid audiometer.

Enhanced usability
- User defined test protocols, reports, and print layouts
- Audiogram comment section
- Customizable user interface
- Easy access to all transducers/signals
- Quick keys for all functions available
- Large patient monitor window to display counseling
- Full EMR interface with XML and PDF export options
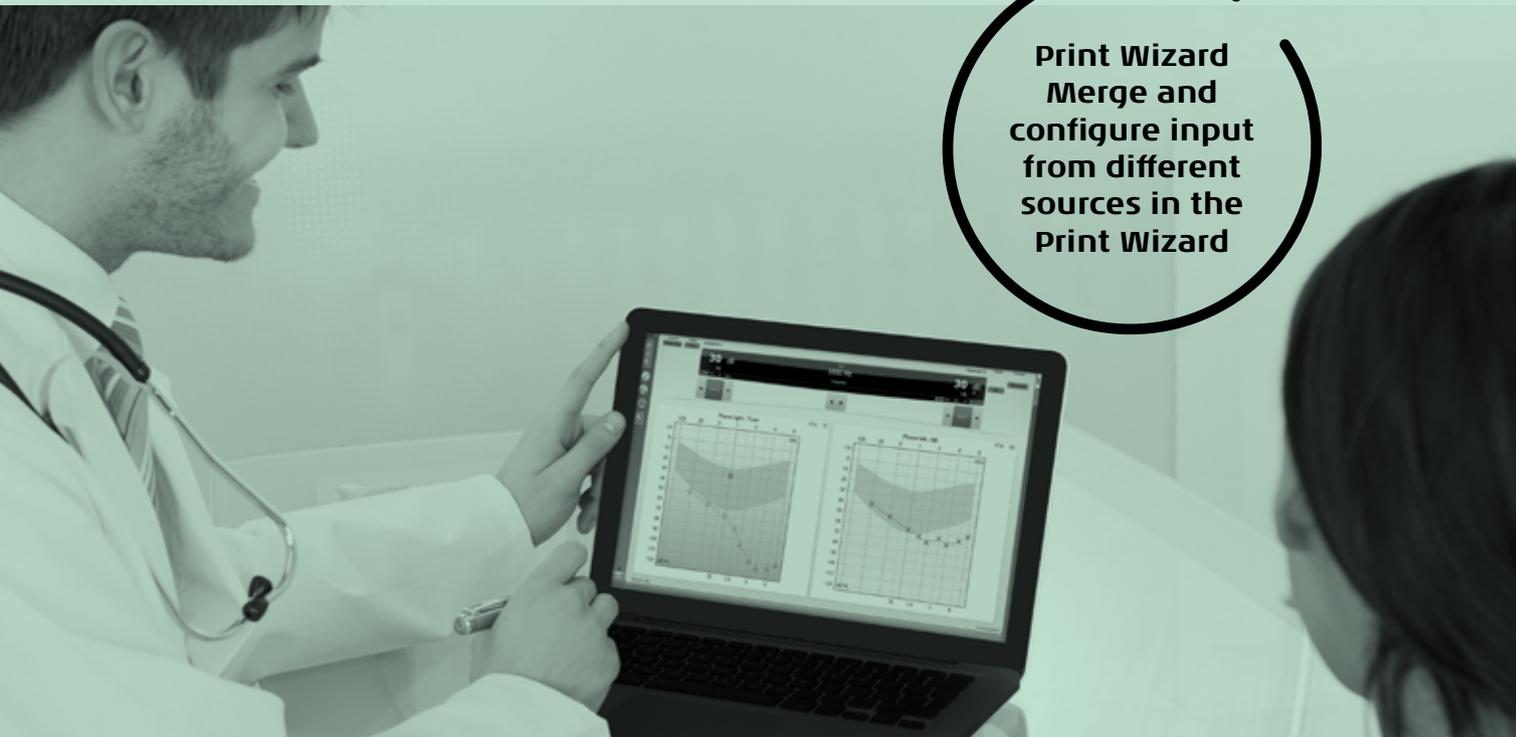- Phoneme scoring
- Audiogram comparison
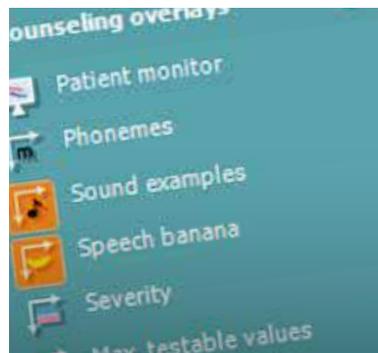
Counseling features
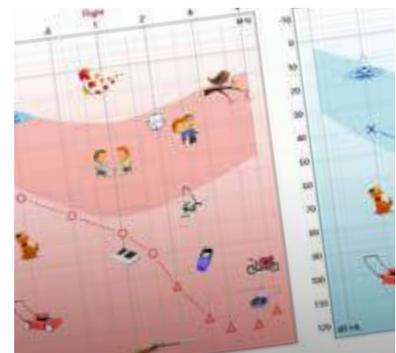
Patient counseling window – here with sound examples

Tone screen – with speech banana and phonemes

Speech screen – with wave files and tone audiogram view

Design your own reports

Interacoustics software suites include a common embedded print wizard. This is a flexible tool that supports reporting requirements for streamlining workflow.

Combined printing and reporting
The Print Wizard combines audiometric, impedance and fitting data for full patient reporting.

Unlimited customized templates permit useful alternative templates for different test applications.

- Retrieve patient demographics from OtoAccess® and NOAH
- Merge audiometric and impedance test data on a single page
- Text field for session observations and conclusions
- Insert bitmaps such as clinic logo
- Individual session dates
- Highly configurable symbols for quick reference

Merge and configure input from different sources in the Print Wizard

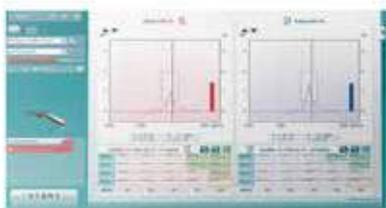Printout via Diagnostic Suite software and the Print Wizard.
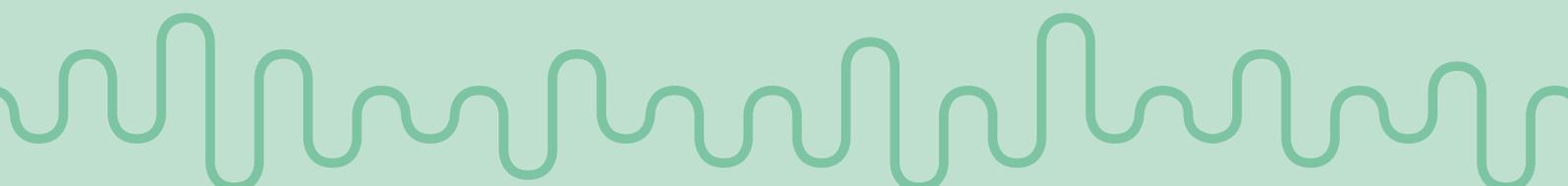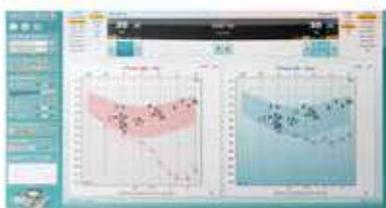
Popular combinations

Easy integration
Through the intuitive and easy to use software suites the Affinity2.0 can easily be combined and integrated with other Interacoustics instruments.

The Interacoustics Suites integrate various measurement modules in a common yet intuitive and user friendly way to enable viewing, storing and printing of shared data.

Titan Suite
Tympanometry, OAE & Automated ABR

EMR
(Electronic medical records)

Combined Reporting
Print Wizard

VIOT™ Video Otoscope Suite

Diagnostic Suite
Supports all Interacoustics stand alone audiometers and tympanometers

Affinity2.0 / Equinox2.0 / Callisto™ Suite
Audiometry, REM, HIT, and Visible Speech Mapping

OtoAccess®

Interacoustics database, NOAH or XML

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.

Interacoustics.com

Go online to explore our full product range

Related products

Titan
Middle ear analyzer

Viot™
Video Otoscope

AT235
Middle ear analyzer

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

Interacoustics

Audiometry   Tympanometry   ABR   OAE   Hearing Aid Fitting   Balance