

Looks **smart**. Thinks **smart**.



MADSEN Itera II

Hearing Assessment

Fitting Systems

Balance Assessment

GN Otometrics

Smart solutions to meet your needs

The MADSEN Itera II builds on the achievements of its acclaimed predecessor to set a whole new standard in audiometric performance, simplicity and elegant design. Compact, reliable and versatile, it's the perfect diagnostic audiometer for the busy dispenser or clinician.

Top performance in a stylish cabinet

Continuing our tradition of manufacturing high-quality instrumentation, the Itera II combines great performance with exceptional design and perfect ergonomics. And recognizing that an audiometer is the daily workhorse in your clinic or practice, we have constructed an instrument that doesn't just look good, but is robust and comfortable to use.

The ideal instrument for tone and speech audiometry, Itera II features two independent channels, extensive patient communication facilities, and ipsi/contra lateral masking. And because it's NOAH-compatible, it can be integrated into today's computerized offices and interface with PC-based hearing instrument fitting and dispensing systems.

You define what's best for you

Recognizing that different testing environments have varying requirements, the Itera II is available with a range of options so that you can configure the best solution for your clinic or dispensing practice.

Hearing Instrument Simulator

The options include the most commonly used special tests as well as an *automatic* Hearing Instrument Simulator (HIS) second to none in functionality and ease of use. And for ototoxic monitoring, we also offer the option of high frequency audiometry up to 16 kHz.

By combining these optional functions with the appropriate transducers, you can extend your diagnostic capabilities, now and in the future.





Speech audiometry

Binaural speech testing with completely flexible signal routing (permits ipsi/contra lateral masking).

Itera II fully supports dichotic speech testing and is perfectly suited for central auditory assessment.

Smart rotary knobs

Tactile feedback from rotary knobs means you don't have to take your eyes off the patient when changing frequency and level.

Special tests

Available options include SISI, Stenger, ABLB (Fowler).

Hearing Instrument Simulator (Optional)

Provides you with an excellent tool for counseling patients.

Features automatic setup of settings so that you can start simulation quickly.

Improves accuracy (no manual calculations involved) and presents immediate results.

Every function is at your fingertips

Lights and the display let you see at a glance how the instrument is set up – here AC tone audiometry, using a pure tone signal presented via the right channel, and with NBN masking selected for the left channel.



High frequency air conduction testing
The standard frequency range of the Itera II is 125 Hz to 12.5 kHz. We also offer the option of high frequency testing up to 16 kHz for ototoxic monitoring.



Quick Guides
To make it even easier to learn and use the Itera II, a number of convenient Quick Guides are supplied with the audiometer.



Customize your workflow
 The comprehensive setup options enable you to configure the Itera II according to your preferences, cutting down test time and giving you more "quality time" with your patients.

Easy switching between left and right
 Switch between testing your patient's right or left ear at the press of one button.
 Press twice to enable both left and right (in speech mode).

Internal power supply for CD player
 For speech testing, you don't have to search for an AC plug for your CD player – just connect to the audiometer's rear panel and eliminate a bulky power adapter. Or save batteries.

Enhanced patient communication and monitoring system
 The Itera II features improved technology for superior sound and enhanced product quality.
 Talk over and talk back buttons are easily accessible.



Sound field option
Itera II provides comprehensive options for sound field testing.



Enhanced memory function
All AC and BC thresholds can be stored for both ears.

Discover the **benefits** of Hearing Instrument Simulation

Hearing instrument simulation can give your patients some very convincing arguments for the benefits of wearing hearing instruments. Benefits which can sometimes be very difficult to explain – especially to someone who has never worn a hearing instrument before.

A Hearing Instrument Simulator is an alternative to using a stock hearing instrument for demonstrating the benefits of amplification. After performing audiometry, software applies a fitting rule by default to the patient's audiogram, and simulates a hearing instrument's amplification. The patient then listens to a variety of everyday sounds and/or speech through headphones.

Although some other audiometers include this capability, hearing instrument simulation

is often awkward and time-consuming because the proper settings have to be calculated and entered.

With the new Itera II Hearing Instrument Simulator, this is a thing of the past.

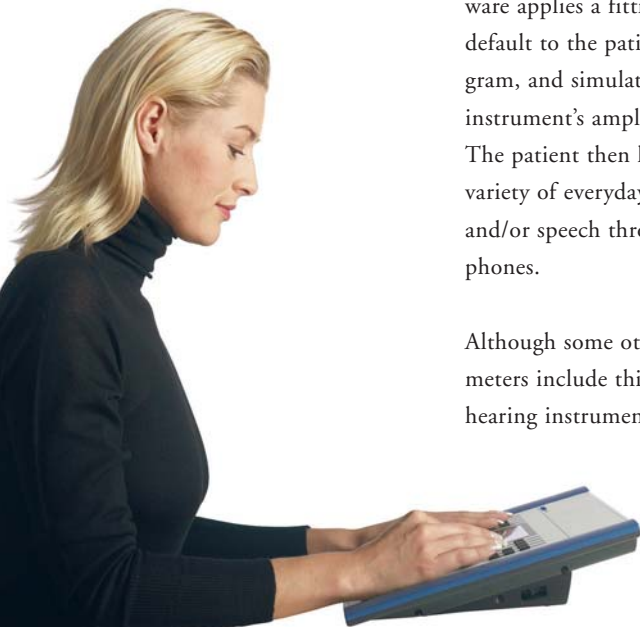
Automatic setup

After completing the audiogram, all the data you need is at your fingertips – you can automatically set up the Hearing Instrument Simulator in a few quick keystrokes. Of course, if you prefer, individual filter and acoustic gain settings can be selected manually for each channel.

The Itera II even has a built-in correction factor for your audiometric headset so that you don't have to switch headsets to simulate amplification. And you have the choice of presenting live speech via stereo microphones or everyday sounds from a CD player.

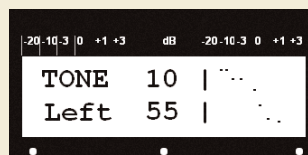


The large, clear display features an anti-reflex coating so that it can be easily read from any angle – and under any lighting conditions.



Quick overview

Graphic display of audiogram slope and filter settings make it easy to set up HIS.



The display illustrates the audiogram slope, in this case ranging from 10 dB HL to 55 dB HL.



Graphic display of the filter settings automatically calculated from the audiogram.

Opening up a new world of possibilities

The MADSEN Itera II is versatile enough to suit the different testing requirements of the clinic and the dispenser's office. And its stylish looks will complement any environment for years to come.

With its compact footprint, angled front panel and easily accessible connection panel, the audiometer is ideal for use

in a sound booth setting. And with its integrated microphones, NOAH 3 interface and automatic Hearing Instrument Simulator, the Itera II is also the perfect choice for

the dispensing practice.

What's more, the audiometer's own software can be updated from a PC, which is an important safeguard as technology changes.

You can add new capabilities at any time, or as they become available.

All in all, the Itera II is a user-friendly diagnostic audiometer, which includes numerous functions to facilitate hearing assessment such as user-defined test settings, multiple test protocols, Quick Guides, and much more.



Accessories*:

- Headset with 12 kHz matched TDH39 phones
- Bone conductor (vibrator) B71 with headband
- Audiogram pad
- Patient response switch
- User guide
- Power cable
- Monitoring headset with boom mic.
- Audi-Link PC software for data transfer to NOAH
- HDA 200 headphones for high frequency audiometry
- Gooseneck stereo microphones for H.I.S./and speech
- Sound field speakers
- PA 210 power amplifier
- E-A-RTONE® 3A insert phones

* Which accessories are standard and which are optional varies from country to country - please consult your local GN Otometrics distributor.



Take audiology to your patients

Weighing in at just ten compact pounds or under 5 kg, the Itera II diagnostic audiometer is well-suited for portable use.

pull out the accessories you want to use, plug in and you're ready to start testing.

In its custom carrying case, the Itera II unpacks and is ready to use in less than a minute, with no cords to untangle. Now you can have complete freedom of movement – just open the case,



Today, virtually all computers are networked. So it was only natural to create a full-featured PC audiometer that could also communicate with other devices within and outside the clinic – the new **MADSEN Conera**.



The Conera builds on proven technology thus ensuring stable and reliable performance. Conera features complete two-channel tone audiometry in HL and SPL together with a wide range of special tests – including SISI, Stenger, ABLB, Weber, Rinne and Hughson-Westlake Auto Threshold screening.

Find out more at www.gnotometrics.com

GN Otometrics is the world's leading manufacturer of hearing and balance instrumentation and software - innovative concepts designed to help healthcare professionals make the best possible decisions. Our solutions range from infant screening applications, audiologic diagnostics and office management software, to balance testing and hearing instrument fitting.

Headquartered in Copenhagen, Denmark, and with a center of development in the United States, we maintain a global network of distributors and subsidiaries. GN Otometrics is part of GN Store Nord.

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Hearing Assessment Fitting Systems Balance Assessment

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