

## MADSEN Xeta

### Key features

Air, bone and masking  
Pure, warble and pulsed tones  
Auto threshold and auto screening  
Special tests (optional): ABLB, SISI, Stenger  
Built-in Talk-over communication  
Patient data storage (50 planned patients and 75 full audiograms)  
User configurable setups  
Connects with OTOsuite™ Audiometry software (NOAH compatible)  
Masking Assistant™

### Technical specifications

#### Pure tone frequencies

AC: 125-8000 Hz  
BC: 250-8000 Hz  
Masking: Narrow Band Noise

#### Stimulus levels

AC: -10 to 120 dB HL at mid-frequencies, 5 dB steps  
BC: -10 to 70 dB HL at mid-frequencies, 5 dB steps

#### Automatic threshold test

Test adheres to the modified (ascending) Hughson & Westlake method  
Normal and Quick mode

#### Automatic screening test

Optional threshold search for failed frequencies

#### PC interface

RS232 (USB converter available)

#### Dimensions and Weight

Approx. 355x415x130 mm, 14x16.5x5.1 inches  
Approx. 4 kg, 8.8 lb.

#### Power supply

Internal, 100-240 VAC, 50/60 Hz

#### Standards

Audiometer: EN 60645-1 and ANSI S3.6  
Patient safety: Complies with EN 60601-1, Class 1,  
Type B; U2601-1; CAN/CSA-C22.2 NO 601.1-90  
EMC: EN 60601-1-2

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.

Hearing Assessment   Fitting Systems   Balance Assessment

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### Accessories

#### Standard

- Choice of: TDH39, E-A-RTONE 3A insert phone, ME70 or HOLMCO
- Patient responder switch

#### Optional

- Bone conductor
- E-A-RTONE 3A Mono insert masking phone
- OTOSuite™ Audiometry software
- Carrying case
- Special tests



Distribuidor Autorizado:



producing quality

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## Audiometry at the touch of a button



**MADSEN Xeta**

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# Audiometry has never been this easy

Intuitive and well thought out, the MADSEN™ Xeta™ audiometer from GN Otometrics is perfect for those who want fast, efficient testing. Air, bone, and masking, combined with valuable features such as an intuitive layout, flexible storage, and a built-in PC connection, ensure efficient audiometry - in the clinic or in the field.

## Simple to learn

Thanks to its highly intuitive design, only a minimum of training is needed to operate the MADSEN Xeta audiometer. Significant effort has been put into creating a user-friendly layout. The result is a non-nonsense "one button = one function" design that gives you immediate access to everything needed during

testing. And convenient indicator lights provide fast overview of the current setting. In short, audiometry has never been this easy!

## Advance planning

The MADSEN Xeta also makes it easy to manage test schedules. The audiometer links directly to your PC so there's no need to retype the names and IDs of patients. By pre-loading the audiometer, patients are always properly identified during testing, and when documenting and reviewing results. And moving from one patient to the next can be accomplished quickly and efficiently.

Ben Johnson  
078-05-1120 ( 2 )

Patients are properly identified by browsing the list of pre-loaded names and IDs.

AT 1000Hz 30dB  
45, 40, 40

Follow the auto threshold process in a list of detected minimum audible levels.

1000 IAC<sub>L</sub> 35 35 R  
Hz IBC 5 10dB

Check for air/bone gaps or view the individual air/bone conduction audiograms.



## Flexible patient handling

By virtue of its built-in data storage and flexible patient handling, the MADSEN Xeta is truly a state-of-the-art audiometer.

With a storage capacity of 50 planned patients and 75 full audiograms, the MADSEN Xeta is geared for intensive testing. Its built-in memory and advanced interface let you leaf



through lists of pre-loaded patients, browse through test results, or resume testing at any time. This creates an incredibly dynamic and flexible test setting.

The lightweight design and flexible patient handling make MADSEN Xeta the ideal portable solution. And back in the clinic, the MADSEN Xeta easily connects to local PCs for use with our OTOSuite™ Audiometry software.

## Fast and efficient testing

Whether it is testing on-site or in the clinic, time is always at a premium. And saving time imposes high demands on audiological equipment. The MADSEN Xeta audiometer meets the need for testing efficiency.

The MADSEN Xeta features all the necessary tests, including auto threshold and auto screening. The auto modes permit fast and easy testing, yet maintain the highest professional standards. To ensure valid,

high-quality test results, a Masking Assistant™ alerts users whenever masking is recommended at specific frequencies. For rapid and reliable switching between test scenarios, user-configurable settings can be loaded at the touch of a button.

The MADSEN Xeta logically groups all related operational controls according to mode of application. This makes it exceptionally easy to navigate through the system and switch effortlessly between patients and tests.



By combining an easy to use audiometer with built-in storage capability and optional PC software the MADSEN Xeta makes testing fast, efficient and comprehensive. This is what we call Intelligent Integration™.

*The PC is a common sight in audiometry today and connecting the MADSEN Xeta to your PC holds many advantages.*

*OTOSuite™ Audiometry software makes it possible to view and process test data on the screen and generate paper/electronic reports for storage or sharing.*

*A PC connection also enables effective integration with today's electronic medical record systems.*



*Stimulus and masking signals are clearly displayed together with stored audiogram symbols.*

