

The new stand-alone and portable audiometer  
**MA 41** - Perfect ergonomic design and comfortable handling



- Tone and speech audiometer for AC, BC and free field testing
- Pure tone, pulse tone, warble tone, narrow band and speech noise
- Speech tests from SD-memory card, CD or via microphone
- Individual customization by extensive configuration options
- Direct printout of the results
- Store report as PDF on USB Stick or SD-memory card
- USB PC-Interface, NOAH compatible
- Patient database for more than 1000 test results

# The new generation of stand-alone audiometers

## Audiometer MA 41

### Portable stand-alone Audiometer

The MA 41 is a stand-alone audiometer with pure tone, speech and free field audiometric testing. It is designed for ENT diagnostics and hearing aid fitting in the office, and for mobile audiometry. Its ergonomic design and comfortable handling allow a user-friendly operation.

### Tone audiometry

The MA 41 performs tests using air conduction headphones, bone conduction receiver, optional insert phones or optional loudspeakers. Built-in test signals include pure tone, pulse tone, warble tone, narrow band and speech noise.

### Speech audiometry

The device offers the playback of speech files from a removable SD-memory card or from external sources. The inputs include ports for CD speech test material and live voice speech by microphone.

### Communication

The talk forward and talk back functions as well as the monitoring of all signals by internal speaker or monitor phone facilitate its operation, especially in noise excluding cabins.

### PC-Interface

The MA 41 provides a USB connection to PC. The optional MAICO audiometry module for NOAH enables the automatic data transfer of the test results of the MA 41.

### Report

Options of direct printout to USB printer as well as storing reports as PDF on SD-Card or USB Stick add to the instrument's flexibility.

Supported printers: HP (PCL 3, PCL 5e), Epson (ESC/P2, LQ, Stylus Color), Cannon (iP100, iP90, BubbleJet). Measurements can be saved in the Patient Database by entering the patient's name via the USB keyboard.

### Standard accessories

- Headphones DD45
- Bone conduction receiver B71
- Patient response switch
- 2 GB SD-memory card
- Gooseneck microphone
- Power cable



MA 41 with Gooseneck microphone

### Technical Data

#### Air conduction

Level range: -10 to 120 dB<sub>HL</sub> depending on headphone and frequency

Headphone: DD45

#### Bone conduction

Level range: -10 to max. 80 dB<sub>HL</sub> depending on frequency

BC receiver: B71 with headband  
Insert phones: optional EAR-3A

#### Free field

Level range: -10 to max. 90 dB<sub>HL</sub> (Canton CD 220)

Test signals: Pure tones, pulse and warble tone

Test frequencies: 125 – 8.000 Hz

Masking signals: narrowband noise and speech noise

Tone tests: HL, UCL, Aided

Speech tests: SRT, WRS, UCL

Calculation: PTA, selectable frequencies

Level steps: 5 dB, 2 dB or 1 dB

Standards: IEC 601-1, IEC 645-1 class 2,  
IEC 645-2, type B According to  
medical Directive 93/42/EEC



PC-interface: USB

Display: High resolution color display  
640 x 480 pixels, 5.7 inch/ 14.5 cm

Power supply: Mains 100-240 V~, 50/60 Hz ± 10%

Size and Weight: L x W x H: 34,5 x 20 x 8 cm /  
13.4" x 7.9" x 3.2", 1.5 kg / 2.7 lbs

Option: Master Hearing Aid

Optional accessories:

- TDH39, Holmco 8103, EAR-3A
- Loudspeaker Canton CD 220 (single unit)
- Portable Loudspeaker SBC
- CD Player
- Talk back microphone
- Monitor phone
- Monitor headset
- Carrying case
- NOAH audiometry software module

Specifications are subject to change without notice



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