

# The new reference for diagnostic audiometry

## MA 42 - Two-Channel Audiometer



- Air conduction, bone conduction, free field and speech audiometric testing
- Pure tone, pulse tone, warble tone, narrow band, white and speech noise
- Diagnostic Tests such as SISI, Decay, ABLB, MLB, Langenbeck, Stenger
- Mixing – signals and channels can be mixed independently
- Speech tests from SD-memory card, CD or microphone
- High tone option up to 20.000 Hz
- Direct printout of the results or store report as PDF on USB memory stick
- USB PC-Interface, NOAH compatible
- Patient database for more than 1000 test results

# High flexibility and timeless design

## MA 42 - The new stand-alone audiometer

### Two-Channel Audiometer

The MA 42 is a two-channel audiometer with pure tone, speech and free field audiometric testing as well as Master Hearing Aid. It can be used for ENT diagnostics and hearing aid fittings in the office, and for mobile audiometry.

### Tone audiometry

The MA 42 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 broad band noise.

### Speech audiometry

The MA 42 device allows the playback of speech files from a removable SD-memory card or via input ports for live speech and for CD speech test material.

### 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 42 offers high connectivity with USB connection to PC. The optional MAICO audiometry module for NOAH enables the automatic data transfer of all test results of the MA 42.

### 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. Measurements can be saved in the Patient Database by entering the patient's name via the USB keyboard.

**Supported printers:** HP (PCL 3, HP PCL 5e), Epson (ESC/P2, LQ, Stylus Color), Cannon (iP100, iP90, BubbleJet).

### Standard accessories

- Headphones DD 45
- Bone conduction receiver B71
- Patient response switch
- 2 GB SD-memory card
- Gooseneck microphone
- Power cable
- Pad of audiogram forms (50 sheets)



MA 42 with Gooseneck microphone

### Technical Data

<b>Air conduction</b> Level range:	-10 to 120 dB <sub>HL</sub> depending on headphone and frequency
Headphone:	DD 45
Insert phones:	optional EAR-3A
<b>Bone conduction</b> Level range:	-10 to max. 80 dB <sub>HL</sub> depending on frequency
BC receiver:	B 71 with headband
<b>Free field</b> 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, opt. up to 20,000 Hz
Level steps:	5 dB, 2 dB or 1 dB
Masking signals:	narrowband noise, white noise and speech noise
Tone tests:	HL, UCL, Aided
Speech tests:	SRT, WRS, UCL
Over threshold tests:	SISI, Decay, ABLB, MLB, Stenger, Langenbeck MHA
Feature:	
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 640x480 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:	High tone audiometry up to 20 kHz
Optional accessories:	<ul style="list-style-type: none"><li>• TDH 39, Holmco 8103, EAR-3A</li><li>• Loudspeaker Canton CD 220 (single unit)</li><li>• Portable Loudspeaker SBC</li><li>• CD Player</li><li>• High-frequency headphones HDA 200</li><li>• Talk back microphone</li><li>• Monitor phone, Monitor headset</li><li>• NOAH audiometry module</li><li>• Carrying case</li></ul>



Specifications are subject to change without notice



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