

Audiometer MA 42

Two channel audiometer

Lightweight portability and timeless ergonomic design

Two-channel audiometer

The MA 42 is a two channel audiometer with sinus tone, speech and free-field audiometric testing as well as Master Hearing Aid. It is designed for ENT diagnostics, hearing aid fittings in the office and for mobile audiometry. The MA 42 performs tests using air conduction (AC) headphones, bone conduction (BC) receiver, optional insert phones or optional loudspeakers. The MA 42 further 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.

Ergonomic design and customizable

User settings can be customized to meet individual preferences and the user-friendly button placement allows for quick transition while testing. The MA 42 also comes with a full colour screen display that supports easy differentiation between right and left ear.

Report

Option of direct printout to USB printer as well as storing reports as PDF or 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.

Features at a glance

- Tone and speech audiometer for AC, BC (phone and inserts) and free-field testing
- Sinus tone, warble tone, narrow band, white and speech noise
- Diagnostic tests such as SISI, Decay, ABLB, MLB, Langenbeck and Stenger
- Mixing – signals and channels can be mixed independently
- High tone option up to 20 000 Hz
- Direct printout of the results or store report as PDF on USB memory stick
- Patient database software for more than 1000 test results



Technical Data

MA 42 SPECIFICATIONS

Test Signals	Sinus and warble tone (pulsed and continuous)
Test Frequencies	125 to 8.000 Hz; optional high frequency up to 20.000 Hz
Masking Signals	Narrow band, white and speech noise
Tone Tests	HL, UCL, Aided (free-field)
Speech Tests	SRT, WRS, UCL
Over threshold tests	SISI, Decay, ABLB, MLB, Stenger, Langenbeck
Feature	Master Hearing Aid
Level Steps	5 dB, 2 dB or 1 dB

AIR CONDUCTION

Level Range	-10 to 120 dB _{HL} depending on headset and frequency, Standard headset DD45
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BONE CONDUCTION

Level Range	-10 to 80 dB _{HL} depending on headset and frequency, Standard bone conductor B71 with headband
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FREE-FIELD

Level Range	-10 to 90 dB _{HL} depending on headset and frequency
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GENERAL

PC Interface	USB
Dimensions and Weight	34.5 cm x 20 cm x 8 cm / 1.5 kg
Power Supply	100-240 V~, 50/60 Hz ± 10%
Display	High resolution color display, 640 x 480 px

STANDARD COMPONENTS

- AC Headset DD45
- BC Headset B71
- Patient response switch
- Gooseneck microphone
- 2 GB SD-memory card
- Power supply cable
- Operating manual
- Quick guide

OPTIONAL ACCESSORIES

- Headset Holmco 8103, Headset TDH39
- Bone conduction headset BKH 10-3 with special headband for masking (only in combination with 1 AC headset)
- Loudspeaker Canton CD 220/2 (1 piece)
- Cable for loudspeaker Canton CD 220/2 (set of 2 pieces)
- Insert phones eartone 3A
- Talk-back microphone for patient
- Monitor phone for examiner
- Monitor phone Sennheiser PC 131 for examiner
- CD player incl. power supply and connecting cable
- Patch cord for sound room
- Carrying case
- NOAH audiometry software module

STANDARDS

IEC 60 601-1, IEC 60 645-1, class 2
IEC 60 645-2, type B
according to medical device directive 93/42/EEC



Specifications are subject to change without notice.

Standard Components					
	MA 42 device	Headset DD45	BC headset B71	Patient response switch	
	Optional Accessories				
		Headset Holmco 8103	Headset TDH39	BC Headset BKH 10-3	

MAICO Diagnostics GmbH

Sickingenstr. 70-71 · 10553 Berlin · Germany
Tel.: +49 30 / 70 71 46-50 · Fax: +49 30 / 70 71 46-99
sales@maico.biz · www.maico.biz