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, Fowler, MLB, Langenbeck and Stenger
- Mixing – signals and channels can be mixed independently
- High tone option up to 16.000 Hz inclusive HDA 300 headset
- 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)
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, Fowler, MLB, Stenger, Langenbeck
Feature	Master Hearing Aid
Level Steps	5 dB, 2 dB or 1 dB

AIR CONDUCTION

Frequency Range	125 to 8.000 Hz; optional high frequency up to 16.000 Hz
Level Range	-10 to 120 dB_{HL} depending on headset and frequency

BONE CONDUCTION

Frequency Range	250 to 8.000 Hz
Level Range	-10 to 80 dB_{HL} depending on headset and frequency

FREE-FIELD

Frequency Range	125 to 8.000 Hz
Level Range	-10 to 90 dB_{HL}

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

- Air conduction headset Holmco 8103
- Bone conduction headset BKH 10-3 with special headband for masking (only in combination with 1 AC headset)
- Bone conduction headset B81
- Air conduction headset HDA300 for high frequency audiometry
- Insert phones IP30
- Loudspeaker Canton
- 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
- Patient database software

CE 0123

STANDARDS IEC 60 601-1, IEC 60 645-1, type 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


AC headset DD45


BC headset B71


Patient response switch

Optional Accessories


AC headset Holmco 8103


AC headset HDA300 for high frequency


BC headset BKH 10-3


BC headset B81


Insert phones IP30

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