

The new standard in portable audiometers
The MA 50 air and bone conduction audiometer



- Air and bone conduction
- Tone, pulse, warble, masking noise
- Lightweight - only 5,8 kg / 12,8 lb., including all accessories
- Ergonomically designed case, soft handle for comfortable transport
- RS 232 serial PC interface with Noah software driver



The **MA 50** portable audiometer for air and bone conduction

Truly portable design

The new, ergonomical **MA 50** has a rugged, integral carrying case with ample storage for all accessories. The soft, comfortable handle and light weight - 5,8 kg/12,8 lb. including accessories - makes transporting the instrument easy. And, it takes less than one minute to open the front cover, connect to power and start to operate. A desktop version without the carrying case is optional.

Noteworthy features and benefits

Tracking is just one of the special features that make it easy to operate the instrument.

Easy to operate with ergonomic design

The **MA 50** is fast and easy to operate. The unique detented intensity level control knob can be operated from the top or side. Locating the interrupt/presentation bars and frequency buttons adjacent to the intensity knob allows one handed control. Sensible keyboard layout with LED's for each function ensure error-free operation. The bright LED display shows frequency and intensity level settings.


Automatic data transfer to PC

The **MA 50** has a standard RS 232 serial interface to automatically transfer test results to a connected PC. A software driver for the NOAH Audiometry and Hearing Aid Fitting program is available.



MA 50 with accessories in integral case

Technical data

Test signals	Pure-, pulsed-, warble-tone; narrow band noise
Test frequencies	0,125; 0,25; 0,5; 0,75; 1; 1,5; 2; 3; 4; 6; 8 kHz
Level steps	5 dB noise free
Inputs	patient response switch
Outputs	AC, BC
Functions tracking	
Standards	IEC 601-1, IEC 645- 1 class 3, medical directive 93/42/EEC 
PC-interface	serial RS 232C, 9-pin connector, MAICO-protocol
Power supply	Mains 90-264 V~, 50/60 Hz, app. 25 VA
Dimensions/weight	W x D x H: 36 x 46 x 15 cm / 4,6 kg, with accessories 5,8 kg
Standard accessories	TDH 39, B 71, mains cable (2m), patient response switch, audiogram paper
Air-conduction:	
Dynamic range	-10 to max. 120 dB _{HL}
Headphones	Telephonics TDH 39 (other types available)
Bone-conduction:	
Dynamic range	-10 to max. 70 dB _{HL}
Bone conductor	Radio Ear B 71 (other types available)
Masking signal	narrow band noise, speech masking noise

Specifications are subject to change without notice



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