

MA 33

PC Controlled Audiometer

Screening made Easy and Mobile

The MA 33 is our small, fast and flexible PC audiometer for every occasion. The operation via USB connection to your PC or notebook is very easy and the MA 33 allows numerous possibilities to highly adapt the settings to your personal preferences and needs. The software offers various fast and reliable audiometry methods.

Whether you are an ENT doctor, general or occupational health practitioner, audiologist or pediatrician, the various test methods make the MA 33 the ideal device for you.

Automatic Test – Hughson-Westlake

With the optional Hughson Westlake test the MA 33 can record an audiogram without any control of an examiner. Voice prompts will instruct the test person and wrong answers will be detected.

Features at a Glance

- Air conduction and bone conduction
- Optional PILOT-Hearing TEST for children in 33 languages
- Automated Hughson-Westlake, SISI, Stenger and BPTA available
- Small, fast, flexible and highly mobile
- Intuitive handling of the clearly presented user interface
- Operate at your convenience with your mouse or keyboard
- Display and store your results in one second
- Includes MAICO Patient Database



Technical Data

MA 33 SPECIFICATIONS

Test Signals	Pure tone or warble (pulsed and continuous)
Test Types	HL, MCL and UCL
Test Frequencies	125, 250, 500, 750, 1000, 1500, 2000, 3000, 4000, 6000, 8000 Hz
Level Steps	5 dB
Masking Noise	Narrow band noise, automatic or manually adjustable
Special Test	automated Hughson-Westlake, SISI, Stenger, BPTA

AIR CONDUCTION

Test Intensity Tone	-10 dB HL to 105 dB HL
AC Headphone	DD65 v2 optional: DD45

BONE CONDUCTION

Test Intensity	-10 dB HL to 70 dB HL
BC Headphone	B71

PC REQUIREMENTS

Processor	2 GHz Intel Core 2 Duo CPU
Memory	2 GB RAM
Graphics	1280 x 1024 (opt.), 1024 x 768 (min)
USB	1 free USB port
Operating System	Windows® 10 SP1 (x86 and x64) Windows® 8 / 8.1 (x86 and x64)

GENERAL

PC Interface/Power Supply	via USB
Dimensions	W x D x H: 15.4 cm x 10.3 cm x 2.7 cm
Weight	300 g
Language	English, Dutch, French, German, Italian, Polish, Spanish

STANDARDS

Safety	IEC 60601-1:2005 +A1:2012, Type B applied parts
EMC	IEC 60601-1-2:2014
CE0123	Class IIa according to Medical Device Regulation (EU) 2017/745
Audiometer	IEC 60645-1:2017/ANSI S3.6-2010 Type 4 (Air Conduction only)/ Type 3 (with Bone)



OPTIONAL PILOT TEST MODULE

Software package, picture chart, roll of stickers

STANDARD COMPONENTS

MA 33 device, AC noise-enclosure headset DD65 v2, Patient response switch, MA 33 Software, MAICO patient database, USB cable, Carrying bag

OPTIONAL ACCESSORIES

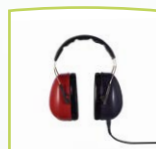
BC headset B71, AC headset DD45

Specifications are subject to change without notice.

Standard Components



MA 33 device



AC noise-enclosure
headset DD65 v2



Patient response
switch



Carrying bag

Optional Accessories



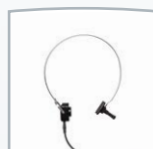
PILOT TEST
Software



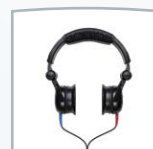
Picture chart



Roll of stickers



BC headset B71



AC headset
DD45

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