

Small is Beautiful, now Intelligent too! PC-based Diagnostic Audiometer MA 33



- Ready to use via USB connection to a PC
- Small and light, flexible and highly mobile
- Keyboard or mouse controlled volume and frequency range operation
- Air and Bone Conduction, Speech and SISI Test available
- No disposable material
- Results immediately displayed and stored
- Including Patient database

As small as ever with Big Functions

PC Diagnostic Audiometer MA 33

Digital Diagnostic Audiometer

MA 33 is a small, light and ready-to-use PC-based diagnostic audiometer for Diagnostic and Occupational Health screening. The operation is easy, via connection to a PC or Notebook. The tone audiometer software offers customized, fast and reliable screening programs to determine presbycusis and the degree of hearing impairment. The program comes in four versions, each can be easily operated using the mouse or keyboard.

MA 33 Basic

Offers fast and reliable tone audiometry screening for both adults and children.

MA 33 BC

In case of abnormalities detected in air conduction tests, the MA 33 enables you to immediately continue with Bone conduction testing in order to identify potential middle ear problems.

MA 33 SISI

Offers air and bone conduction and SISI test for eleven frequencies, showing whether the hearing impairment is cochlear or retrocochlear.

MA 33 Speech

Speech tests can be done with recorded speech test material from various sources and the MA 33 allows you to integrate the speech test specific to your country.

These various versions make the MA 33 the ideal device for all the ENT specialists, whether you are an ENT doctor, general practitioner, audiologist, pediatrician or work in Occupational Health.



MA 33 BC with Standard accessories and software CD

Technical Data

Test Signal	Pure, Pulse or Warble tone
Test Frequency	0,125; 0,25; 0,5; 0,75; 1; 1,5; 2; 3; 4; 6; 8 kHz
Intensity	5 dB noise free
Audiometer Class	Class 4 according to EN 60645-1
Masking	with narrow band noise masking, automatic or manually adjustable
Safety Standards	EN 60601-1, EN 60645-1



Standard accessories MA 33 box; air conduction headphone, patient response key, Tone audiometric software, Patient database, USB cable, hand-carry bag

Air Conduction

Test intensity	from -10 to 110 dB _{HL} Depending on headphone and frequency
Air conduction headphone	HDA 280, TDH 39, DD 45 or Holmco 8103

Bone Conduction (MA 33 BC / MA 33 SISI / MA 33 Speech)

Test intensity	-10 bis 70 dB _{HV} (40 dB at 6 kHz, 60 dB at 0,5 and 4 kHz, 65 dB at 3 kHz)
Bone conduction headphone	B71 with headband

SISI-Test

Modulation Test signal	4,8/0,2 s; 5 dB, 3 dB, 2 dB (preparation) 4,8/0,2 s; 1 dB (Test)
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Power supply	via USB
Size and weight	W x D x H: 15,4 x 10,3 x 2,7cm / 300 g

Computer requirements 1.1 or 2.0 USB port, Windows XP SP2, Intel P4 > 1 GHz or compatible, 1 GB RAM

This information is subjected to amendment in view of further technical improvement.



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