

The solution for PC-based diagnostic audiometry MAICO Audio-PC-System MA 55



- The best possible combination of audiometry and data management
- Full range of diagnostic audiometry – AC, BC, FF and Speech
- Unique Audiokeyboard® with logical order of operating elements
- Keys for tone presenter / interrupter mode in new sensor technique
- All functions and settings to be selected from the Audiokeyboard®
- NOAH 3.0 compatible for effective data processing

The solution for PC-based diagnostic audiometry

MAICO Audio-PC-System MA 55

Full range of diagnostic audiometry – easy and efficient

The Audio-PC-System MA 55 is a fully PC-controlled audiometer. It consists of the digital two-channel audiometer MA 55, audiometry software, all necessary transducers and the ergonomical Audiokeyboard®. All standard and individual settings and functions can be selected from the Audiokeyboard® that has been specially designed for the use with our Audio-PC-System MA 55. The Audio-PC-System can also be operated with an ordinary PC-keyboard.

The Audio-PC-System MA 55 integrates the features and functions of a full two-channel audiometer comprising all traditional test functions such as air and bone conduction measurements, masking and overthreshold tests including ABLB (Fowler), SISI and DLI (Lüscher) test.

The model Audio-PC-System MA 55 with Audiokeyboard is thus a versatile tool for the ENT doctor, the audiologist, the hearing aid specialist as well as for clinics and hospitals.

Effective Data Processing

The Audio-PC-System MA 55 allows a comfortable and easy administration of data. The concept of the modular combination of software and hardware allows the user to configure the most important tests. There are also numerous possibilities of making individual settings. Further system extensions of the Audio-PC-System can easily and economically be implemented.

The Audio-PC-System MA 55 stores data in NOAH 3.0 including comments so that complete patient records can be viewed at any time during the consultation.

Further advantages of our PC-based audiometer

The Audiometer MA 55 requires a minimum of space. It can even be wall-mounted and just 2 cables will do for the connection from PC to the system.



Audiokeyboard® with sliders or attenuators

Technical Data

Air conduction

dB level range -10 to 120 dB_{HL} (0,75 to 3 kHz)
Safety circuit at levels > 100dB_{HL}
Headphone TDH 39

Bone conduction

dB level range -10 to max. 70 dB_{HL} (1 to max. 3 kHz)
BC receiver B 71

Free field

dB level range -10 to max. 85 dB_{HL}

Masking signal narrowband noise, broadband noise (speech masking noise)

Overthreshold tests SISI, DLI, ABLB, Decay, Carhart

Generals

Test signals Pure-, pulse- and warble tone
Test frequencies 0,125; 0,25; 0,5; 0,75; 1; 1,5; 2; 3; 4; 6; 8; 12 kHz
Level steps 1, 2, 5 dB (without noise)

Standards

IEC 601-1, IEC 645-1, class 2
According to medical directive 93/42/EEC



PC-interface serial RS 232C, 9-pin connector, MAICO protocol

PC requirements Windows XP, serial RS 232 C port and USB port

Power supply Mains 100-240 V~, 50/60 Hz, app. 25 VA

Dimensions (WxDxH)/ Weight

MA 55 - 37 x 10,5 x 23, 2,4 kg
Audiokeyboard - 61 x 5 x 25, 2,6 kg

Options

PC-system on request
Insert phone Eartone 5a
AC up to 16 kHz Sennheiser HDA 200
Bone conduction BKH 10 with integrated masking headset

Specifications are subject to change without notice



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