

AUDIO

Diagnostic Audiometer



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The AUDIO is an advanced audiometer that allows all classical diagnostic tests to be performed such as Air Conduction, Bone Conduction and Speech Audiometry. The system has a modern design to meet the needs of daily routine in private practices and clinics. It's high grade wearless magnetic detented control dials allow a sensitiv adjustment of the hearing level.

Basic Configuration

- Audiometer, integrated power supply, talk forward microphone, live-speech test
- High frequency 12,5 kHz
- Air conduction transducer
- Bone conduction transducer
- Patient responder
- Monitor headset with talk forward microphone
- compatible to PC software NOAH, CONNEXX, Avantgarde

Options

- CD-player
- National speech tests on request
- Free field speaker set
- External talk forward microphone with goose neck
- External patient talk back microphone
- PC software NOAH, CONNEXX , Avantgarde with GDT-Interface on request

Technical Data

Tests

- Tone Audiometry
- Speech audiometry with single word stepping, stored on internal memory card
- SISI test with built in counter, automatic presentation of 20 increments in steps of 5,3,2 and 1 dB
- ABLB test - alternating, adjustable in steps 1 or 5 dB

Standard Frequencies

- 125, 250, 500, 750, 1.000, 1.500, 2.000, 3.000, 4.000, 6.000, 8.000 Hz (also frequency modulated, pulsed)

High Frequency

- 12,5 kHz

Hearing Level Ranges

- Air Conduction: -10 dB / 120 dB HL at mid-frequencies
- Bone Conduction: -10 dB / 70 dB HL at mid-frequencies
- Free Field: 10 dB / 100 dB HL, with active loudspeaker
- Free Field: 10 dB / 85 dB HL, with passive loudspeaker

Level Settings

- Click free in steps of 1 dB or 5 dB throughout the range, wearless magnetic detented control dials

Tone Presentation

- Normal and invers

Masking

- Automatic selection of Narrow Band noise for pure tone presentation
- Wide-Band noise
- Speech-masking noise

Outputs

- Air conduction: high grade Sennheiser audiometric earphones HDA 280, E.A.R. Tone 3A (option)
- Bone conduction: B71 audiometric earphones
- Sound field: integrated amplifier for active- or passive loudspeaker

Data Interfaces

- USB Device Interface to PC

Software

- compatible to PC software NOAH, CONNEXX, Avantgarde

Inputs

- CD / Tape
- Talk-Over
- Talk-Back

Power supply

- 110/230 V +/- 10%, 50/60Hz

Safety meets

- EN 60601 and MDD 93/42/EEC (class IIa)

Standards

- Audiometer category 2, EN 60645-1 and category B-E, EN 60645-2

Dimensions

- 135 x 480 x 390 (H x W x D)

Weight

- appr. 4 kg

All designs and specifications subject to change without notice.

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