

Piston

Audiometer



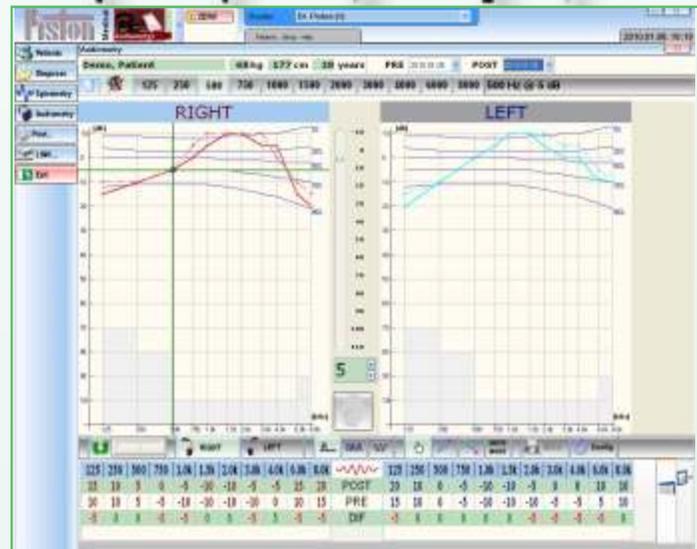
PC based screening audiometer for the air conductive examination of hearing system

- IEC 645-1 standard
- Class Type 4 and Type 5
- EN ISO 7029:2000 Statistical distribution of hearing thresholds as a function of age
- Interpretation by PTA (Pure Tone Average)
- Interpretation by Grade of Hearing Impairment
- System integration with Piston spirometers
- System integration into information networks
Health Level 7 (USA)
Geräte Daten Träger (Germany)
- USB port for PC connection
- External power supply not required
- Full portability with a laptop PC

Database management system

- Unlimited storage of patients and results
- Full support of pre-post examinations
- Trend analysis

User definable test report with Pre-Post results and with indication of reference hearing thresholds



Operating modes	Manual Semi automatic ascending iteration according to Hughson-Westlake protocol Semi automatic descending iteration Program able automatic sequence
Signal types	Continuous, pulse, interrupted
Patient feed back	Hand switch
Intercom	Built-in microphone
Headset	Telephonics TDH 39 Built into a Peltor noise protecting case with 40 dB attenuation
Frequency	125Hz, 250Hz, 500Hz, 750Hz, 1kHz, 1.5kHz, 2kHz, 3kHz, 4kHz, 6kHz, 8kHz
Sound Pressure Level	-10dB, 110dB
Total harmonic distortion	< 1 %
Frequency deviation	< 1%
IBM/PC connection	USB port
Audiometer interface	L 150 mm * W 82 mm * H 45 mm
Weight	210 g
Power supply	External power supply not required

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