



Piston

audiometer



experience

of accuracy

The Piston

Our company is focusing on quality assurance from the very beginning. We were among the very first of medical device manufacturers to apply the ISO 9001 quality management system.

We were again among the very first to apply the even more demanding ISO 13485:2003 standard. This new standard regulates developing and manufacturing of medical devices with the highest responsibility.

We constantly develop our products now with the help of European Union. Recently we had won a non-refundable grant at the Applied Research and Development Tender of European Structural Found.



Audiometer

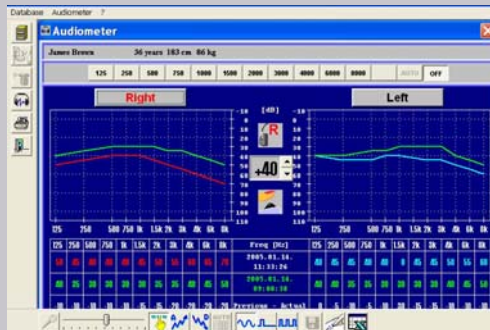
PDD-401

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

- IEC 645-1 standard
- Class Type 4 and Type 5
- USB port for PC connection
- External power supply not requested
- Full portability with a laptop PC
- Possibility of integration into central information systems
- System integration with Piston spirometers

Main features

- English, German and Spanish versions
- Database management system
- Storage of patients and results
- User definable printouts
- Full support of pre-post examinations
- Trend analysis



Operating modes

Manual
Semi automatic ascending iteration
Semi automatic descending iteration
Full automatic sequence

Signal types

Continuous, pulse, interrupted

Patient feed back

Hand switch

Intercom

Built-in microphone

Head set

Telephonics TDH 39

Built into a noise protecting case with 40 dB attenuation



Frequency

125Hz, 250Hz, 500Hz, 750Hz, 1kHz, 1.5kHz, 2kHz, 3kHz, 4kHz, 6kHz, 8kHz

Sound 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 requested

IBM/PC minimal configuration

Pentium 100 MHz
256 MB RAM
40 MB HDD free capacity
1 free USB port
Windows 9X or XP

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