



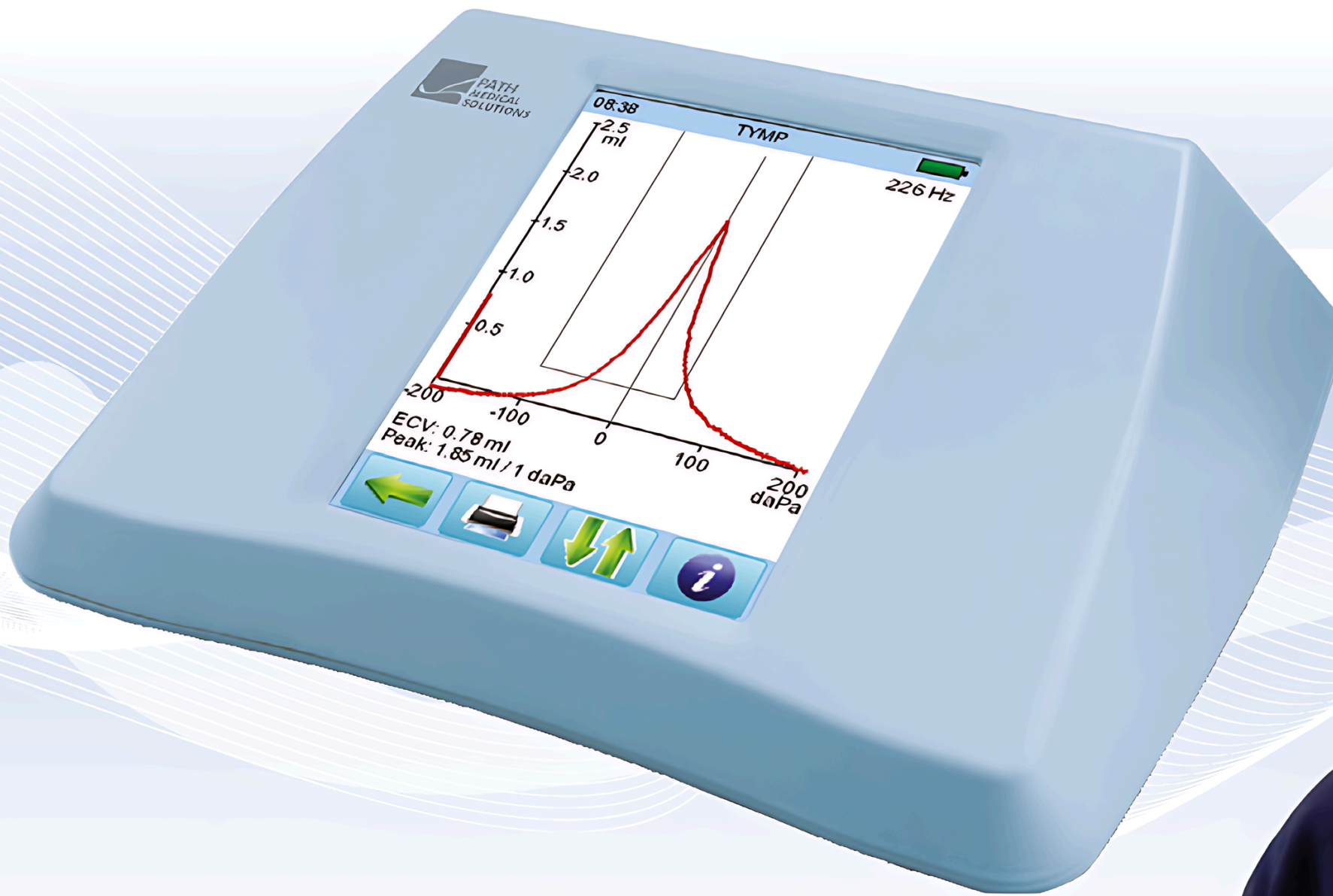
HEALTHWORLD INTERNATIONAL PHILS. CORP.

World Class *QUALITY* Need Not Be Expensive

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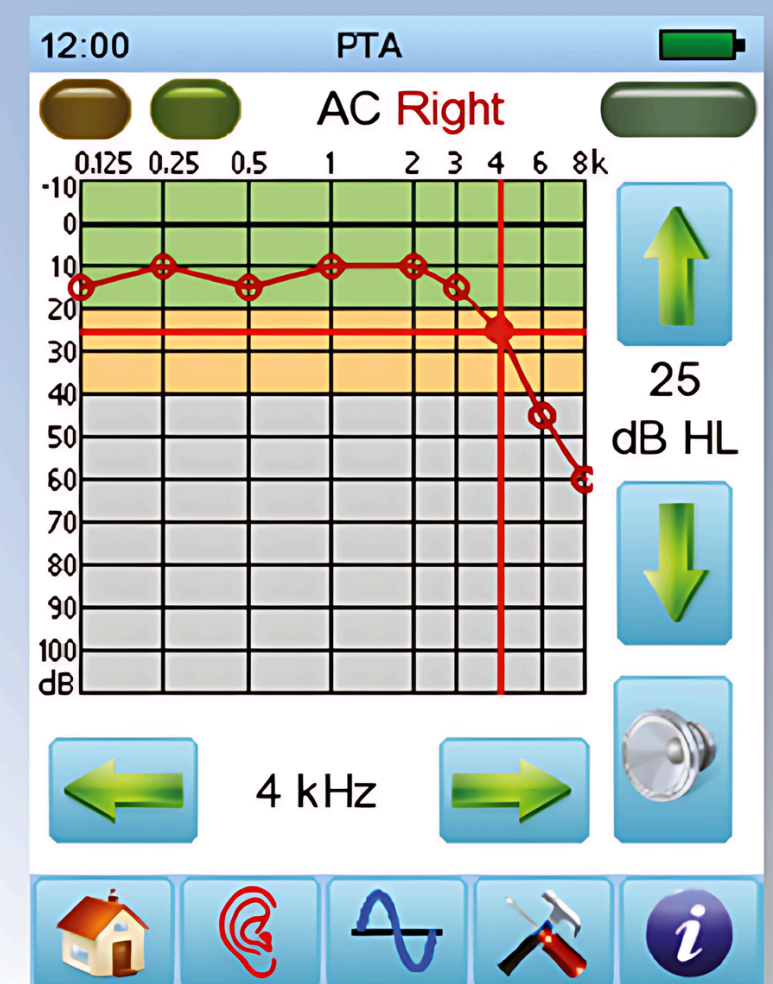
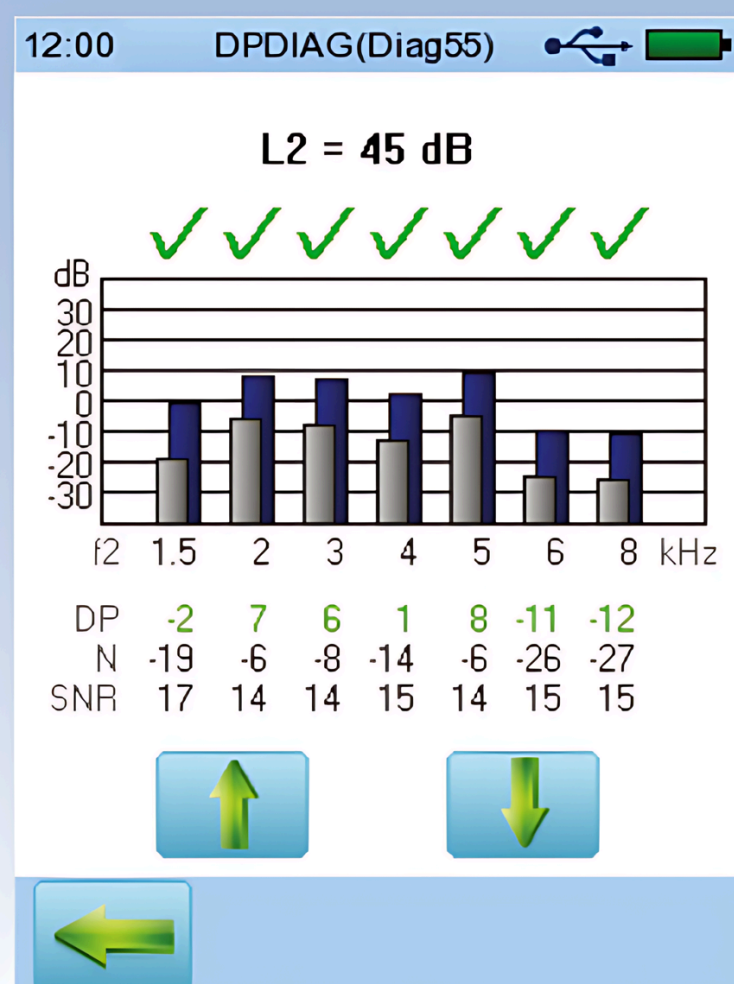
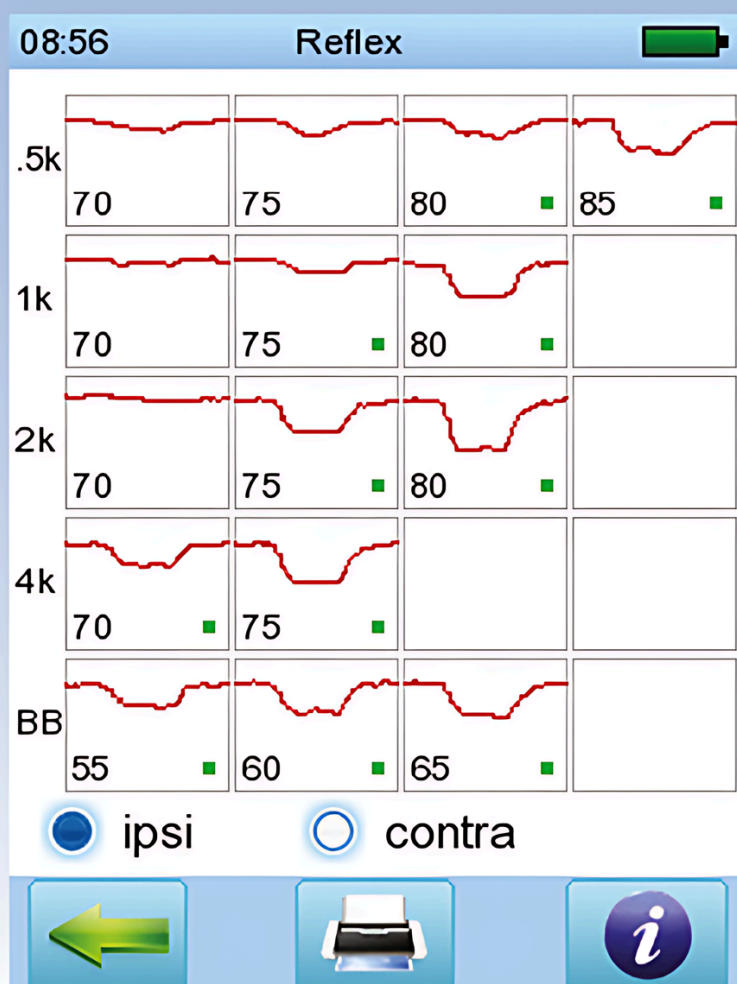
Sentiero ... Desktop

The all in one instrument for OAE, Tympanometry and Audiometry



The world's first integrated OAE + Tymp + Audiometer

Diagnostic tympanometry, ipsilateral and contralateral acoustic reflex, pure tone audiometry and otoacoustic emissions in **ONE** portable lightweight device.



- Compact and portable, handheld, battery powered
- Easy to use, colour touch screen, menu guided
- Flexible, configurable middle ear test battery: Tympanometry, impedance measurement, ipsilateral and contralateral acoustic reflex, ETF tests, PTA, TEOAE+DPOAE. Detailed test results and test history. Up to 1000 tests stored
- Data and patient management software MIRA (PC based)
- Easy interface, USB port for data communication



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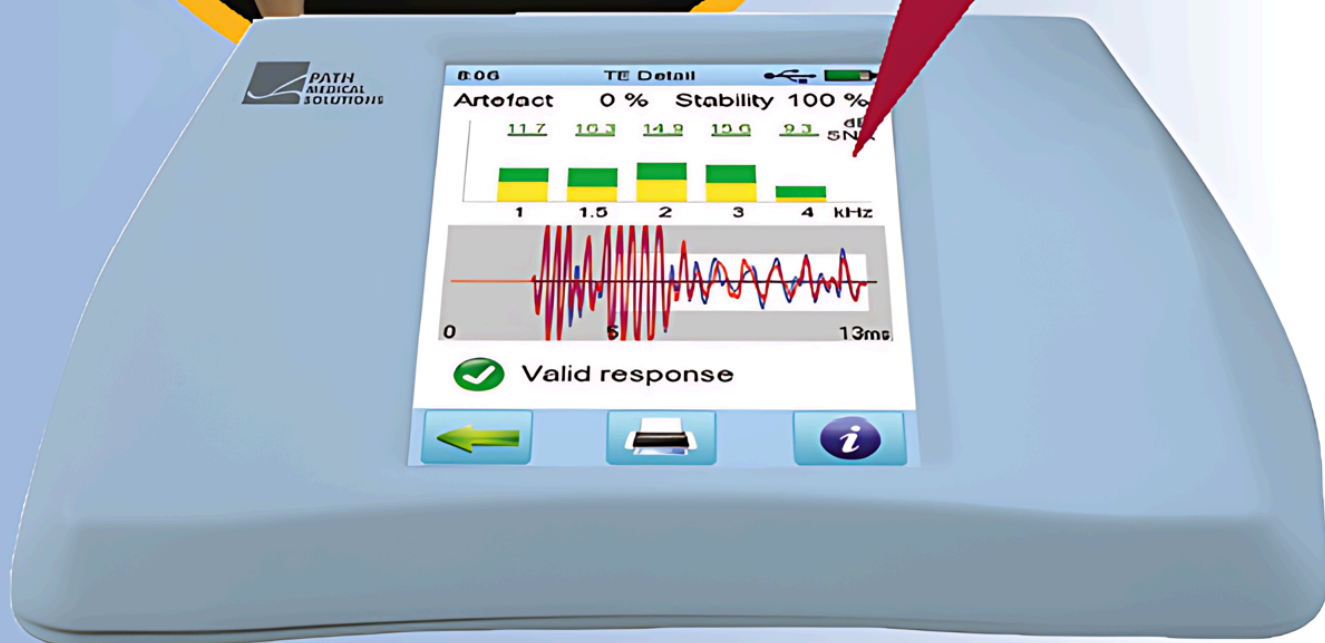


Sentiero Desktop

The all in one instrument for OAE, Tympanometry and Audiometry



It's easy to add OAE test capability: simply choose your required modules!



Sentiero Desktop puts every middle ear test at your fingertips!

Middle ear testing is used to determine the overall health and function of the middle ear. These tests are essential in identifying perforations of the eardrum, abnormal pressure in the middle ear space, wax blockage in the ear canal, and possible conductive hearing loss.

For additional information and clinical applications of Senti/Sentiero please refer to our 'How To Manual' from the support/downloads page on our website www.pathme.de

Tympanometry

Frequency:

226 Hz. Optionally (class 1) 678 Hz, 800 Hz and 1000 Hz

Level:

69 dB HL

Air Pressure Control:

Automatic (flexible start and stop pressure)

Range:

-600 to +400 daPa (-300 to +200 daPa for class 2)

Pressure change rate:

50, 100, 150, 200 daPa/s, as-fast-as-possible

Range:

0.1 to 8.0 ml at 226 Hz probe tone and 0.1 to 15 mmho at 678, 800 and 1000 Hz probe tone

Acoustic Reflex

Tone – Ipsi/Contra: 500, 1000, 2000, 4000 Hz

Noise – Ipsi/Contra: Wide Band

Otoacoustic Emissions - OAE can be measured in both ears simultaneously!

DPOAE Quick/Diagnostic Test modes:

- 1 to 10 kHz, up to 30 points per octave high resolution
- Time saving multiple channel stimulation and FMDPOAETM (Frequency Modulated DPOAE)

DPOAE Hearing Threshold Estimation (patented) - automated cochlear audiogram up to 50 dB HL:

- Stimulus levels from 20 dB HL to 65 dB HL
- Frequency range: 1.5 kHz to 8 kHz

TEOAE Quick/Diagnostic Test modes:

0.7 to 4 kHz Quick test/Diagnostic test with half octave bands with multiple SNR settings and stop criteria

Pure Tone Audiometry

- Frequencies from 125 Hz up to 16 kHz
- Levels from -10 to 110 dB HL in 5 dB steps
- Multiple options for accessories: HDA280, HDA200, HDA300, DD45 (similar to TDH39), B71, free field, insert earphones, patient response switch
- Bone and air conduction with masking
- Meets EN 60645-1 class 3 requirements

For detailed specifications please refer to our 'Technical specifications, manufacturers data' document from the support/downloads page on our website www.pathme.de

Distributed By:

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