

Sentiero... Advanced



The all in one instrument for
OAE, ABR, ASSR and Audiometry



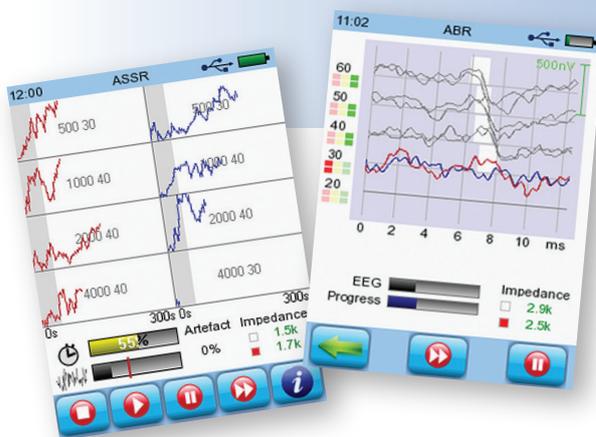
Sentiero Advanced

For the first time a hand held, portable lightweight device combines **Tone and speech audiometry, TEOAE, DPOAE, AEP (ABR & ASSR)** in a selectable modular format.

The emphasis is on test flexibility, ease of use, reliable diagnostics and minimum test time.

The new **binaural diagnostic ABR** is typically used for NHS conformational diagnostics, neurological diagnostics and objective threshold assessment.

With TE + DPOAE + ABR + ASSR!



Sentiero... Advanced

The complete solution for your audiology clinic!

- Compact & portable** handheld, battery powered
- Easy to use** Colour touch screen, menu guided
- Flexibility** Configurable test battery: PTA, MAGIC, SPEECH, TEOAE, DPOAE, AEP, (ABR & ASSR)
- Easy interpretation** Re-editable peak markers on device and PC
- Quality parameters** indicating statistical significance (traffic-light)

- Detailed test results & test history** up to 1000 tests stored
- Data and Patient management Software** MIRA (PC-based)
- Easy Interface** USB port for data communication
- Interchangeable transducers** Calibration data stored on transducer



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With TE + DPOAE + ABR + ASSR!

Product Benefits

Binaural ABR, Click, chirp & frequency specific stimulus

- User selectable stimulus type and level from 5 to 90 dB HL
- Superior performance due to weighted averaging algorithm for different environmental settings
- Robust operation mode, automated digital filter 50/60 Hz

Easy Navigation, menu guided

- Design individual protocols for up to 5 presets
- Online help in different languages

Flexible display and analysis options

- Up to 5 stimulus levels / waveforms per test sequence
- Automated storage of test results - different transducers and stimuli settings for same patient available
- Select Jewetts and analyze latencies in comparison to normative data for your selected age group

Programmable timing

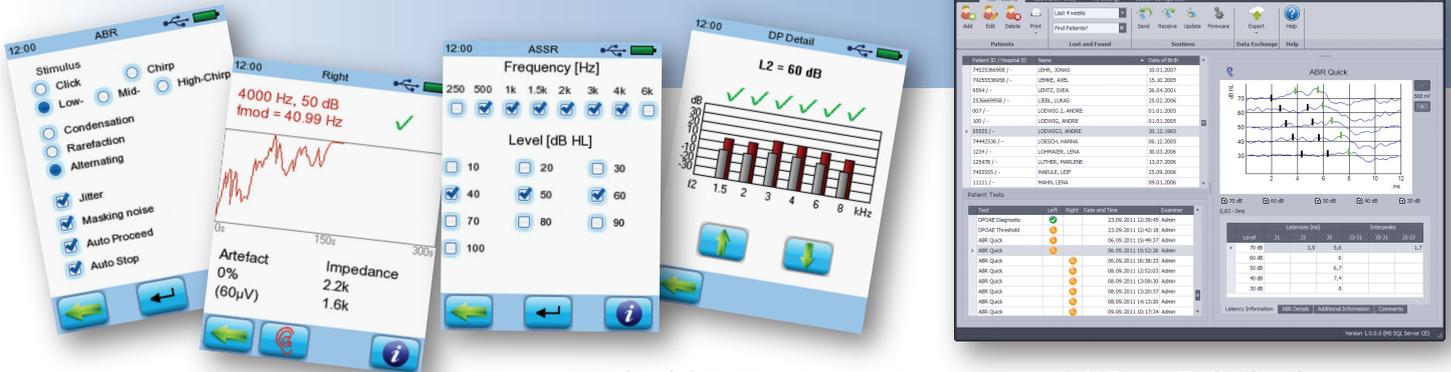
- Configurable stimulus rate and response window
- Extremely fast testing with up to 90 Hz stimulus rate

Straightforward waveform analysis

- Peak markers are easy to place and read via touch screen interface
- Peak markers are re-editable, stored with test, printed, transferred to PC
- Additional analysis option after data transfer from instrument to PC software MIRA

Customized reporting

- USB connection to PC software MIRA allows customized reporting



ABR/ASSR Technical data

- Stimuli:** Click, chirp, narrowband chirp
- Polarity:** Condensation, Rarefaction, alternating
- Level:** 5 dB HL to 90 dB HL in 5 dB steps
- Stimulus rate:** 10Hz to 90 Hz, optional jitter
- Recording window:** 0 to 30ms
- Recording bandwidth:** 15Hz to 2kHz
- Sampling rate:** 16kHz, 16 bit
- CMRR:** >90 dB @ 50Hz
- ASSR:** Modulation frequencies: 40 and 80 Hz, stimulus levels: up to 100 dB HL, up to 4 simultaneous test frequencies per ear - adjustable maximum averaging time, artefact threshold, and significance level

MIRA PC Software

- Imports patient's data test results and exports patient's data and settings to the instrument via USB
- Multiple reporting options and printout
- User management search functions
- Instrument configuration
- Instrument firmware update
- View, compare, comment, print test results
- Export test data to various formats
- Archive and backup data

for further technical details please visit www.pathme.de

NEW – Binaural ABR/ASSR, Click, chirp & frequency specific stimulus

