

Sentiero *...Advanced*

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



With TEOAE, DPOAE and AEP!

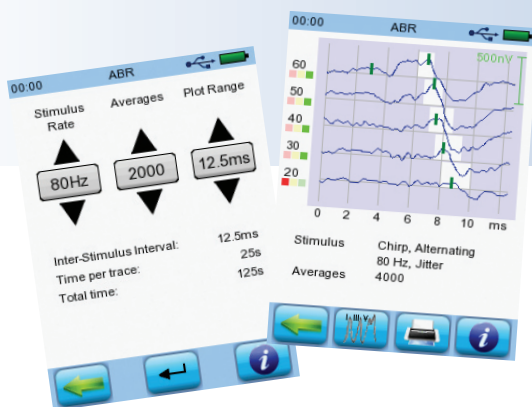


Sentiero Advanced

For the first time a handheld device combines **Tone & Speech Audiometry, TEOAE, DPOAE & AEP/ABR** in a lightweight handheld device.

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

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



Sentiero *...Advanced*

The complete solution for your audiology clinic!

Compact & portable handheld, battery powered

Easy to use touch screen, menu guided

Flexibility Configurable test battery: PTA, MAGIC, SPEECH, TEOAE, DPOAE and AEP / ABR

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

Automated detection of accessories

correct protocol and calibration used for each test



Sentiero... Advanced



With TEOAE, DPOAE and AEP!

Product Benefits

One channel Click / chirp / narrowband ABR

- 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

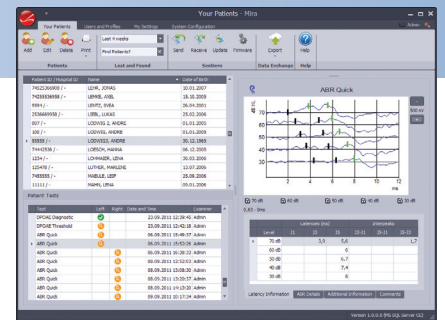
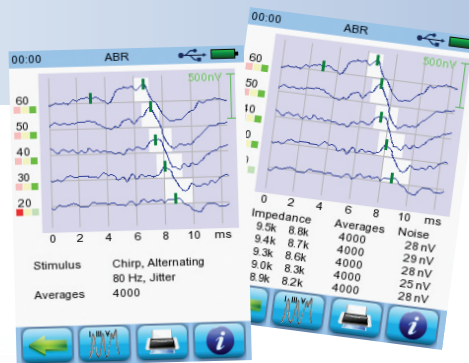
- Configurable stimulus rate and response window
- Extremely fast testing with up to 90 Hz stimulus rate

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 Technical data

Stimuli: Click, chirp, narrowband chirp
 Polarity: Condensation, Rarefaction, alternating
 Level: 5 dBHL to 90 dBHL in 5 dB steps
 Stimulus rate: 10Hz to 90Hz, optional jitter
 Recording window: 0 to 30ms
 Recording bandwidth: 80Hz to 2kHz
 Sampling rate: 16kHz, 16 bit
 CMRR: >90dB @ 50Hz

Processing:

- Digital 50Hz, 60Hz and adaptive comb filter
- Impedance monitoring during test
- Weighted averaging
- automated significance indication
- automated proceed to next level

MIRA PC Software

- Import patients and test results and export patients and settings to instrument via USB
- Multiple reporting options and printouts
- User management, including password protection
- Patient management, search functions
- Instrument configuration
- Instrument firmware update
- View, compare, comment, print test results
- Export test data to various formats
- Archive and backup data



NEW: Diagnostic ABR Module with click and chirp

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