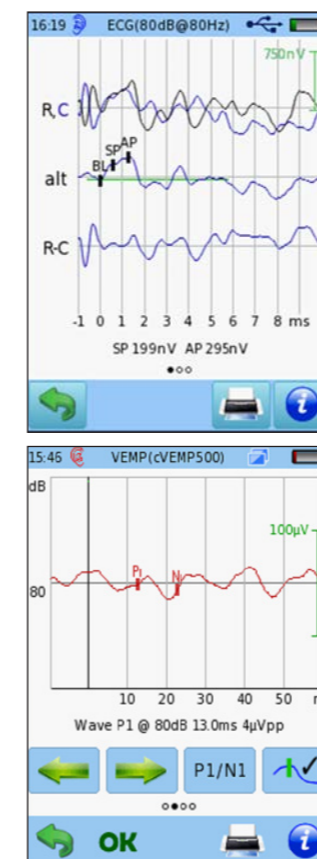
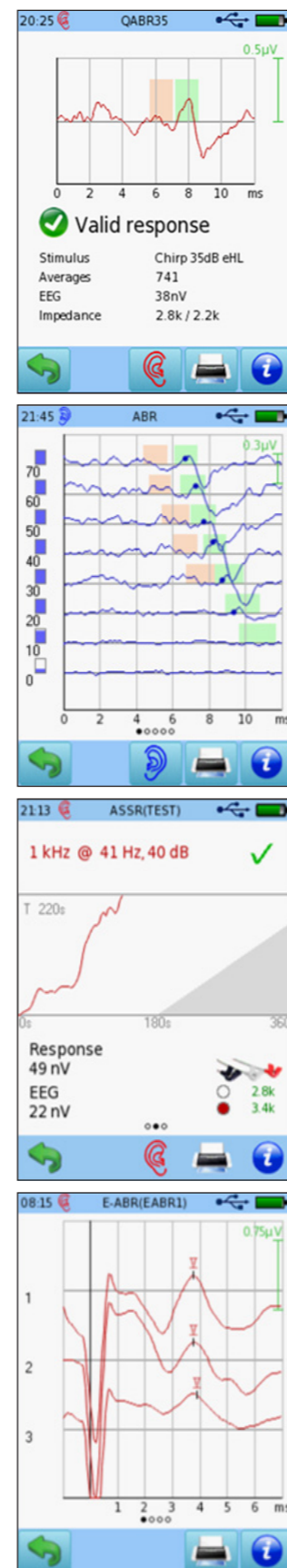


## ABR/ASSR Technical Data

- Binaural ABR, click, chirp and frequency specific tone bursts; rate mode
- Polarity: condensation, rarefaction, alternating, C/R separate traces
- User selectable stimulus type and levels up to 120dB peSPL
- Up to 8 stimulus levels/waveforms per test sequence
- Stimulus rate: 10Hz to 90Hz
- Spread spectrum technology provides faster and more reliable results
- Recording window: 0 to 30 ms
- Recording bandwidth: ABR recording bandwidth: 80Hz to 2kHz; ASSR; 15Hz to 2kHz
- Sampling rate: 16kHz
- Screening ABR module includes chirp stimulus with levels from 25 to 55dB eHL
- ASSR: modulation frequencies: 40 and 80Hz, multi-rate modulation, stimulus levels: up to 100dB HL, up to 4 simultaneous test frequencies per ear – adjustable maximum averaging time, artefact threshold and significance level.
- Superior performance due to weighted averaging algorithm for different environmental settings
- Robust operation mode, automated digital filter 50/60Hz
- Straightforward waveform analysis using automated peak markers
- Additional analysis options after recording and after data transfer from instrument to MIRA PC software

## eABR Technical Data

- TTL level trigger input from CI fitting system
- 20µs trigger resolution
- 10 – 100Hz trigger rate
- Recording bandwidth 10Hz to 2kHz
- Up to 15 traces per test
- Auto-trace-switch on trigger pause
- Optional trace smoothing
- Configurable plot scales



Screening and diagnostic Tympanometry can be added to Sentiero Advanced with the TY-MA

## ECoG Technical Data

- Display of alternating, condensation, rarefaction traces
- Click and configurable tone bursts
- 8 to 100Hz stimulus rate
- Recording bandwidth 10Hz to 2kHz
- Intuitive wave editing and evaluation
- Insert phones and headphone support
- Fast weighted averaging
- Optional SpreadSpectrum (SP<sup>2</sup>)

## VEMP Technical Data

- cVEMP and oVEMP
- Stimulation via air conduction and via bone conduction
- EMG monitoring
- 5 presets preconfigured for cVEMP and oVEMP
- Click, Chirp and Tone burst stimuli
- Configurable tone bursts: frequencies from 500Hz to 4kHz; linear or blackman window; different duration for onset, plateau and offset
- Polarity: Condensation, rarefaction, alternating, randomized; option to invert right ear trace polarity
- Stimulus level: 20 – 95dBHL, step 5dB
- Stimulus rate: 2 – 10Hz, resolution 0.1Hz
- Averages: 20 – 500. Plot range up to 100m/s
- Free text labeling of traces
- Auto EMG scaling and amplitude calculation in PC-Software
- Compare any left and right ear measurement side-by-side in PC software

OAE details: see pages 10 and 11

Tympanometry details: see page 12

Audiometry details: see page 14

For further information visit our website: [www.pathme.de](http://www.pathme.de)