The all-in-one instrument for screening OAE, Tympanometry and Audiometry.

Choose from 8 different configurations for max flexibility!

Made in Germany

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The fastest and most reliable OAE and pure tone Audiometry screening combination!

**Multi-frequency Tympanometry:**
- Simultaneous recording of 226 Hz, 678 Hz, 800 Hz and 1000 Hz Tympanometry - immediate results at one finger tip
- Display of 3D graph available
- Children entertainment mode - the new pilot test

**Additional features:**
- Simultaneous OAE measurement on left/right ear - 2 probes!
- Entertainment mode for all Tymp and OAE modules available
- Results can be sorted by birthdate, name, ID, examiner, date, time
- Interface to wireless modem for data transfer to PATHTRACK
- Patient demographics on device

**Optional Database Software (MIRA) - Data Management:**
- Easily view, archive and export test results
- Transfer test results to the MIRA database via USB
- Easily attach test results to patient records with many EMR systems
- Export full-color, 8.5” x 11” reports in multiple formats, with graphic and tabular data, preset or free comments
- Noah compatible

**Technical Specifications:**
- Device dimensions: 150 x 210 x 45 mm, ca. 475 g. Display: 240 x 320 pixel; graphic LCD 5", resistive touch screen, real time-clock, piezo-electric sound generator, USB, Output voltage and nominal impedance (headphone socket): 5 Vpp, 32 Ω
- Power consumption: max. 2 W.
- Memory capacity: up to 1000 patients, ca. 1000 tests (dependent on test type).

Remote control and live display of results on your PC!

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### Impedance / Tympanometry

<table>
<thead>
<tr>
<th>Class 2</th>
<th>+1000 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>226 Hz tone</td>
<td>●</td>
</tr>
<tr>
<td>1000 Hz tone (order # 100689)</td>
<td>optional</td>
</tr>
<tr>
<td>Multi frequency tympanometry (2 tones or even up to 4 tones at once)</td>
<td>●</td>
</tr>
<tr>
<td>Pressure range -300 to +300 daPa</td>
<td>●</td>
</tr>
<tr>
<td>5 individually configurable presets</td>
<td>●</td>
</tr>
<tr>
<td>Y/B/G components view (admittance, susceptance, conductance)</td>
<td>●</td>
</tr>
<tr>
<td>Tymp + Reflex automatic sequence</td>
<td>●</td>
</tr>
</tbody>
</table>

### Reflex

- 500, 1000, 2000, 3000, 4000 Hz stimulus up to 100 dB HL (105 dB HL for some)
- Broadband, High and low pass noise stimulus up to 90 dB HL
- Ipsilateral reflex
- Contralateral reflex (order mono insert phone #100876) optional
- Automatic reflex threshold ●

### TEOAE

- Fixed pass criteria and levels - 0.7 to 4 kHz Quick test with half octave bands

### DPOAE

- Fixed pass criteria and level and frequencies: 2, 3, 4, 5 kHz
- FNDPOAE®

### Audiometry

- Table format: 0.5, 1, 2, 4, 6 kHz air conduction screenin.
- Pulsed, FM and tone. Meets EN 60645-1 class 4.
- Multiple accessories: HDA280, HDA200, bone conductor HDA300, DD45 (similar to TDH39), B71, free field, insert earphones, patient response switch.
- Children audiometry test MAGIC and speech test options.

### Accessories

- Label printer, PC Database, export functions, NOAH compatibility, bidirectional link to central database (pathTrack)

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### Hardware order instructions for MODEL SOD100497-SB SCREENING:

- # 100497-US1 for Tymp screening @226 Hz and ipsi reflex only
- # 100497-US2 for Tymp screening @226 Hz and ipsi and contra reflex testing
- # 100497-US3 for Tymp screening @226 Hz, ipsi and contra reflex testing and audiometry screening
- # 100497-US4 for Tymp and DPOAE screening (includes all # 100497-US2 features)
- # 100497-US5 for Tymp and DPOAE and audiometry screening (includes all # 100497-US3 features)
- # 100497-US11, # 100497-US12 and # 100497-US13 offer Tymp screening too - combined with diagnostic features of OAE and Audiometry. These can be upgraded to diagnostic tymP. Please refer to the diagnostic tymP brochure for details.

All screening sets are supplied with: dual use Tymp / OAE probe, accessory box, charger, manual. Sets with contra reflex also include monoaural headphones or monaural inserts. Sets with audiometry include stereo inserts or stereo headsets.