

## Technical Data ERO•SCAN

### Otoacoustic Emissions

|                          |                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measurement Type         | DPOAE (Distortion Product Otoacoustic Emissions)<br>TEOAE (Transient Evoked Otoacoustic Emissions)                                                               |
| Frequency Range          | Screening Version<br>DPOAE: 2,0 kHz bis 5,0 kHz<br>TEOAE: 1,5 kHz bis 4,0 kHz<br>Diagnostic Version<br>DPOAE: 1,5 kHz bis 12,0 kHz<br>TEOAE: 0,7 kHz bis 4,0 kHz |
| Stimulus Intensity Range | DPOAE: 40 dB SPL to 70 dB SPL<br>TEOAE: 83 dB SPL peak equivalent ( $\pm 3$ dB)                                                                                  |
| <b>Device General</b>    |                                                                                                                                                                  |
| Dimensions               | W x D x H: 6.6 cm x 3.1 cm x 14.5 cm                                                                                                                             |
| Weight                   | 176 g                                                                                                                                                            |
| Display                  | Color OLED display                                                                                                                                               |
| Languages                | English, Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Polish, Russian, Spanish, Turkish                                               |
| Storage                  | Maximum 500 tests                                                                                                                                                |
| PC Interface             | Micro USB, wireless data transfer to Sessions                                                                                                                    |
| Battery Life             | 1000 tests per charge, minimum 15 hours on-time                                                                                                                  |
| Power Supply             | Output: 5.0 V DC, 1.6 A<br>Input: 100 V - 240 V AC, 50/60 Hz, 400 mA                                                                                             |

### Micro-Probe Specifications

|                   |                                        |
|-------------------|----------------------------------------|
| Microphone System | -20 dB SPL at 2 kHz (1 Hz bandwidth)/- |
| Noise             | 13 dB SPL at 1 kHz (1 Hz bandwidth)    |
| Cable Length      | 1.10 m                                 |
| Weight            | 28 g                                   |

### Optional Printer

|               |                                      |
|---------------|--------------------------------------|
| Type          | HM-E200, 2" portable thermal printer |
| Printing Time | <5 seconds per test result           |
| Power Supply  | 100 - 240 VAC, 50/60 Hz              |
| Dimensions    | W x D x H: 8.5 cm x 13 cm x 5 cm     |
| Weight        | 234 g                                |
| Data Transfer | Wireless                             |

### Standards

|             |                                                                |
|-------------|----------------------------------------------------------------|
| OAE         | IEC 60645-6, Type 2                                            |
| Test Signal | IEC 60645-1, IEC 60645-3                                       |
| Safety      | IEC 60601-1, Type B                                            |
| EMC         | IEC 60601-1-2                                                  |
| CE 0123     | according to Medical Device Regulation (EU) 2017/745, Class II |

Specifications are subject to change without notice.