



Datasheet

Hearing Assessment and **Fitting Unit**

Auditdata

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| Standards | General Regulation | Medical Device Regulation MDR (EU) 2017/745 |
| | Audiometry | IEC 60645-1:2017 / ANSI S3.6:2018 Type 1; IEC 60645-1:2017 / ANSI S3.6:2018 Type A or A-E |
| | REM | IEC 61669:2015; ANSI S3.46:2013;ISO 12124:2001 |
| | Safety | IEC 60601-1:2005+A1:2012; class 2, type B |
| | EMC | IEC 60601-1-2:2014+A1:2020 |
| | Usability | EN 60601-1-6:2010+A1:2013+A2:2020 |
| | Software | IEC 62304:2006+A1:2015 |
| | Calibration | ISO 389-7:2005 |
| | Other standards | IEC 62366-1:2015; FCC 47 CFR, Part 15 Subpart B, Class A; ICES 003, Issue 7:2020, Class A; ISO 14971:2019; ISO 13485:2016 |
| Tone Testing | Tests | HTL, MCL, UCL, BCL, FF, FF-A, Weber test, SISI test, Hughson-Westlake method, TEN test (CD required), Stenger test |
| | Output | AC, BC, and Free Field |
| | Transducers | Insert Earphone, Bone Conductor - B71, DD45 w. HBA headband, DD45 w. RE-7 headband, DD450, DD65 v2, ER-3C Insert, Free Field Speaker, and Loudspeaker Small, Cambridge Audio |
| | Frequency Range | 125 Hz to 16 kHz |
| | Hearing Levels | -10 dB HL up to 120 dB HL (max. output is limited by transducer capability) |
| | Stimuli Distortion | Less than 1% |
| | Stimuli | Pure tone, pulsed pure tone, warble, pulsed warble, narrowband noise, and pulsed narrowband noise |
| | Masking Noise | Narrowband noise, white noise, speech noise |
| | Extended Range | +20 dB |
| | Tone Switch | Manual or 0.1 - 5 sec. tone duration |
| | Client Response System | Handheld push button |
| | Monitoring | Operator Monitor for talk-back and stimuli monitoring |
| | Talk Over / Talk Back | Full bi-directional client communication with two-channel operator microphones |
| | Client Safety | Max. level limiter (max 100 dB w/o extended range, UCL limiter) |
| Speech Testing | Tests | SRT, MCL, UCL, SD, SD-A, SDN, SDN-A, and QuickSIN (CD required) |
| | Output | AC, BC, and Free Field |
| | Transducers | Insert Earphone, Bone Conductor - B71, TDH39, DD45 w. HBA headband, DD45 w. RE-7 headband, DD450, DD65 v2, ER-3C Insert, Free Field Speaker, and Loudspeaker Small, Cambridge Audio |
| | Stimuli | CD, Sound Library, or Live voice using operator microphone |
| | Masking Noise | Speech noise, white noise, CD and sound files |
| | Monitoring | Operator Monitor for talk-back and stimuli monitoring |
| | Talk Over / Talk Back | Full bi-directional client communication with two-channel operator microphones |

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| Instrument | Power Supply | USB-powered. External power supply unit needed for elevated outputs |
| | Dimensions | 5.5 x 5.5 x 2.1 in (140 x 140 x 55 mm) |
| | Weight | 415 g |
| | Connections | AC1 (HF), AC2 (HF), BC, Client Response, Option Connector (RECD), S/PDIF optical output, Left/Right Loudspeaker, Operator Monitor, Operator Monitor Talk Over/Live Speech, Talk Back Microphone, Free Field (Line Out), USB-C, DC input for external power supply |
| PC Minimum Requirements | CPU | Minimum 2 GHz processor (recommended 2 GHz or higher multi core) with 2 GB system RAM (4 GB or more) |
| | Hard Disk Space | 2 GB free hard disk space for Measure Software |
| | Operating System | Windows 10 (32 & 64-bit), and Windows 10 Anniversary Update (recommended Windows 11) |
| | Screen Resolution | 1280 x 1024 (1600 x 1200 recommended) |
| | Graphics Card | XVGA (dual monitor output recommended) |
| | Connections | CD drive required for speech test CD's. USB 2.0 connection required. |
| | Noah Compatibility | Noah 4 |

Standard & optional parts

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| Standard Accessories | 100.010 | 2000-1 Fitting Unit |
| | 100.110 | Client Response |
| | 100.111 | Power Supply (EU+US+UK+AUS) |
| | 100.112 | USB-C Cable (2000-1) |
| | 1010.406 | Loudspeaker cable with black plug |
| | 100.115 | Measure software |
| | 100.118 | Quick Installation Guide |
| Software Modules | 40.0005 | Audiometry – SW module |
| | 40.0022 | Audiometry ST – SW module |
| | 40.0023 | Audiometry HF – SW module |
| | 40.0006 | Real Ear Measurement – SW module |
| | 40.0009 | Speech Mapping – SW module |
| Optional Parts | 100.056 | Insert Earphone (2000-1) |
| | 100.051 | REM Probe (2000-1) |
| | 100.052 | REM Probe Flex (2000-1) |
| | 100.050 | B71 Bone Conductor (2000-1) |
| | 100.053 | DD45 Headphone w. HBA Headband (2000-1) |
| | 100.058 | DD45 Headphone w. RE-7 Headband (2000-1) |
| | 100.055 | DD450 HF Headphone (2000-1) |
| | 100.054 | DD65v2 Headphone (2000-1) |
| | 100.057 | ER-3C Insert Earphone (2000-1) |
| | 100.114 | Talk Forward Operator Headset (2000-1) |

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| | 100.113 | Talk Back Client Microphone (2000-1) |
| | 100.040 | REM/Free Field Speaker (2000-1) |
| | 100.119 | USB-C Cable Isolation Kit |
| | 91.0115 | Loudspeaker Small, Cambridge Audio |
| | 100.042 | Sound Booth Cable Kit (2000-1) |
| | 100.551 | Wireless REM Probe Complete Package |
| | 100.554 | Wireless REM Probe Base Package |
| | 100.041 | Transducer Extension Cable, 3m (2000-1) |
| Consumables | 90.4015 | Ear Hanger (4 Pieces) |
| | 91.0202 | E-A-RLINK 3B (Small, 50 pcs) |
| | 91.0203 | E-A-RLINK 3A (Medium, 50 pcs) |
| | 91.0204 | E-A-RLINK 3C (Large, 24 pcs) |
| | 91.0205 | Insert Tube with Nipples |
| | 91.0302 | Probe tube guide (8 pcs) |
| | 91.0303 | Probe tubes (36 pcs) |