



Datasheet

Hearing Assessment and Fitting Unit

Standards	Audiometry	Tone: IEC 60645-1:2012, 60645-4:1994 / ANSI S3.6:2010 Type 1 Speech: IEC 60645-2:1997 / ANSI S3.6:2010 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
	Calibration	ISO 389-7:2005
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
REM/SM Testing	Tests	REM - REUR/REUG, REOR/REOG, REAR/REAG, REIG, RECD FF, RECD Insert, HA transition SM - Speech Mapping, Noise Reduction, Speech in noise, Comfort Optimizer, REUR/REUG, REAR/REAG, REIG, Percentile, HA transition
	Output	Free Field, AC
	Transducers	Real Ear Probe, REM Probe Flex
	Stimuli	ICRA noises, ISTS, ISTS-MPO, white noise, pink noise, speech noise, speech noise – ILTASS, Live speech, Pre-recorded sound files, DSL ‘s’ and ‘sh’ sounds
	Frequency Range	125 Hz to 16 kHz
	Frequency Resolution	1/3 rd , 1/24 th octave based on 2048 pt. FFT
	Signal Levels	50 - 90 dB SPL
	Stimuli Distortion	Less than 1%
	Monitoring	Operator Monitor for talk-back and stimuli monitoring
Client Safety	UCL limiter	
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

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)
	91.0718	Headset with mic. -S (Talk over)
	91.0106	Microphone (Talk back)
	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)
	Consumables	90.4015
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)