



Primus

Datasheet

ICE

Auditdata

Standards	Audiometry	Tone: IEC 60645-1:2017 Type 1, ANSI S3.6:2010 Type 1 Speech: IEC 60645-1:2017 Class A or A-E, ANSI S3.6:2010 Type A or A-E
	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, Hughson-Westlake, SISI Test, TEN Test (CDs required)
	Output	AC, BC, and Free Field
	Transducers	Insert Earphone, TDH-39, DD45, DD450, DD65, DD65v2, HDA-200, HDA-280, HDA-300, B-71, ER-3A, ER-3C, and Free Field Speakers
	Frequency Range	125 Hz to 8 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	Hand-held push button
	Monitoring	Operator Monitor for talk-back and stimuli monitoring
	Talk Over / Talk Back	Full bi-directional client communication with an operator microphone
	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, TDH-39, DD45, DD450, DD65, DD65v2, HDA-200, HDA-280, HDA-300, B-71, ER-3A, ER-3C, and Free Field Speakers
	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
Instrument	Power Supply	USB and external power supply for elevated outputs
	Dimensions	181 x 115 x 94 mm (167 x 110 x 32 mm without cover)
	Weight	550 g (375 g without cover)
	Connections	AC, BC, Client Response Button, Talk Back Microphone, Monitor Headset, Operator Microphone, Free Field Speakers (Left and Right), USB and DC power. Line Out/Demo
PC Minimum Requirements	CPU	Minimum 2 GHz processor (recommended 2 GHz or higher multi core) with 2 GB system RAM (4 GB or more recommended)
	Hard Disk Space	2 GB free hard disk space for Primus
	Operating System	Windows 7 (32 & 64-bit), Windows 8.1 (32 & 64-bit), Windows 10 and Windows 10 Anniversary Update
	Screen Resolution	1024 x 768 (1280 x 1024 recommended)
	Graphics Card	XVGA (dual monitor output recommended)
	Connections	CD drive is required if speech test CD's are used. USB 2.0 connection required.
	Noah Compatibility	Noah 4

STANDARD & OPTIONAL PARTS

Standard Accessories	90.3030	Primus Ice - Primus Audiometer Unit
	90.3009	Client Response
	91.0102	DC Adaptor
	91.0103	USB cord
	PN00244	Top Cover
	1010.406	Loudspeaker cable with black plug
	91.0601	USB stick with software
	PN00122	Quick Installation Guide
Software Modules	40.0005	Audiometry – SW module
	40.0026	Audiometry PT – SW module
Optional Parts	90.3003	Real Ear Insert Earphone
	90.3017	TDH-39
	90.3024	HDA-300
	90.3008	Bone Conductor – B-71
	90.3012	DD45
	90.3037	DD450
	90.3038	DD65v2
	90.3042	ER-3C
	91.0718	Headset with mic. -S (Talk over)
	91.0106	Microphone (Talk back)
	91.0108	Free Field Speaker
	91.0110	USB Isolation Cord
	91.0709	Sound chamber cable set w. ID chip
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