

Datasheet

PRIMUS AUD



Standards	Audiometry	Tone: IEC 60645-1 / ANSI S3.6 Type 1, Speech: EN 60645-2 / ANSI S3.6 Type A or A-E
	Safety	IEC 60601-1, Class 1, Type B
	EMC	IEC 60601-2
Tone Testing	Tests	HTL, MCL, UCL, BCL, FF, FF-A , Weber test, TEN Test and Quick SIN Test (CDs required)
	Output	AC, BC and Free Field
	Transducers	Primus Insert, TDH39, HDA200, HDA300, B71, EAR 3A, DD45 and three Free Field Speakers
	Frequency Range	125 Hz to 16kHz
	Hearing Levels	-10 dB HL up to 120 dB HL (maximum 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 and speech-weighted 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 two-channel operator microphones
	Client safety	Maximum level limiter (max 100dB without extended range, UCL limiter till -15dB)
	Speech Testing	Output
Transducers		Primus Insert, TDH39, DD45, HDA200, HDA300, EAR 3A, B71 and three Free Field Loudspeakers
Stimuli		CD, Sound Library or Live voice using operator microphone
Instrument	Power supply	USB and external power supply for elevated outputs
	Dimensions	350 x 120 x 130 mm (345 x 110 x 35 mm without cover)
	Weight	800 g (475 g without cover)
	Connections	AC1, AC2, AC3 (HF), BC, Client Response Button, Real Ear Probe, Talk Back Microphone, Operator Monitor Headset, Left and Right Operator Microphone, Client Headset, Left, Middle and Right Freefield speakers, Option, USB and DC. Sub/Mid Active speaker, Left/Right Active speaker, Rear Active Speaker.
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 XP Professional SP2 (32-bit), Windows 7 (32 & 64-bit) including Home Premium, Professional and Ultimate, Windows 8 and 8.1 (32 & 64-bit)
	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 for PC.
	Noah compatibility	Noah 3.7 and Noah 4

STANDARD AND OPTIONAL PARTS

	Part number	Part name
Standard accessories	90.3013	Primus Fitting Unit+
	90.3009	Client Response
	91.0102	DC Adaptor
	91.0103	USB cord
	91.0109	Top Cover
	1.010.406	PFU Loudspeaker cable with black plug
	910.601	USB drive with software
	PN00122	Quick Installation Guide
Software feature packs	40.0005	AUD Feature pack
	40.0008	AUD/REM Feature pack
	40.0016	AUD/SM Feature pack
	40.0018	AUD+REM/SM Feature pack
	40.0009	Speech Mapping Feature pack
	40.0010	Local Calibration Feature pack
Optional parts	90.3003	Insert Earphone
	90.3017	TDH 39
	90.3024	HDA 300
	90.3008	Bone Conductor - B71
	90.3012	DD45
	90.3014	EAR 3A
	91.0104	Headset with mic. (Talk over)
	91.0105	Headset without mic
	91.0106	Microphone (Talk back)
	91.0108	Free Field Speaker
	91.0110	USB Isolation Cord
PC minimum requirements	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
	91.0108	Free Field Speaker
	91.0110	USB Isolation Cord