

Datasheet

PRIMUS HIT



Standards	Hearing Instrument Testing	IEC 60118-15 (in combination with the speech mapping module) and ANSI S3.22		
	Safety	IEC 60601-1, Class 1, Type B		
	EMC	IEC 60601-2		
Hearing instrument testing	Tests	OSPL90 Full on gain Input/Output Attack/Release time Reference test gain	Frequency response Equivalent input noise Harmonic distortion Battery current Telecoil/Induction	
	Output	Loudspeaker or Telecoil		
	Frequency range	125 Hz - 16 kHz		
	Frequency resolution	1/6, 1/24th octave based on 2048 pt. FFT		
	Signal levels	50 - 90 dB SPL		
	Stimuli distortion	Less than 1%		
	Stimuli	Pure tone, modulated tone, narrowband noise, white noise, speech-weighted noise, and pink noise		
	Telecoil	31,6 to 316 mA/m		
	Battery simulator	0 - 2 volts, 0 - 25 ohms. 0.01 to 50 mA measurement range		
	Monitoring	Operator monitor for in-the-coupler monitoring		
	Battery pill types	5A, 10A, 312, 13, and 675		
	Hearing instrument programmer feed-through	NOAHlink™ or HI-PRO can be connected and feed through to an internal connector		
	Instrument	Power supply	USB - external power supply required for elevated outputs till 16kHz.*	
		Dimensions	350 x 320 x 125 mm	
		Weight	4.5 kg	
Connections		DC, USB, HI-PRO or NOAHlink™ input, monitor headset stereo Internal: Reference microphone, coupler microphone, battery pill and hearing instrument programming interface		
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		
	Graphics card	1024 x 768. X VGA (1280 x 1024 recommended)		
	Connections	CD drive is required if speech test CD's are used.		
	Noah compatibility	USB 2.0 connection required for PC.		
CPU	Noah 3.7 and Noah 4			

*This will not be provided as part of the standard included parts

STANDARD AND OPTIONAL PARTS

	Part number	Part name
Standard accessories	90.3002	Primus Hearing Instrument Test
	91.0403	Coupler Microphone (HIT)
	91.0404	Reference Microphone (HIT)
	91.0405	Battery Pills (5 sizes)
	91.0406	BTE Tube (3 pcs)
	91.0407	ITE Paddy
	91.0408	ITE Coupler Attachment (HIT)
	91.0409	BTE Coupler Attachment (HIT)
	91.0410	Body Coupler Attachment (HIT)
	91.0412	2cc Coupler Attachment (HIT)
	91.0413	ITE Foam
	91.0414	BTE Foam
	91.0103	USB cord
	910.601	USB drive with software
	PN00112	Quick Installation Guide
910.411	Hi-Pro extension cable	
Software feature packs	40.0007	HIT Feature pack
	40.0010	Local Calibration Feature pack
Optional parts	91.0110	USB Isolation Cord
	91.0102	DC Adapter Cord (in order to test 16k)
Consumables	91.0407	ITE Paddy

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