

Technical specifications

HIT



Real Ear

Standards	Hearing Instrument Testing	IEC 60118-7 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/Recovery time Reference test gain	Frequency response Equivalent input noise Harmonic distortion Battery current drain TeleCoil	
	Output	Loudspeaker or telecoil		
	Frequency range	125 Hz - 8 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	
		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		
Standard included parts	Primus Hearing Instrument Test unit	Body coupler attachment		
	USB cord	Coupler microphone		
	2cc coupler	Reference microphone		
	ITE coupler attachment	Battery pills (5 sizes)		
	BTE coupler attachment	BTE tube		
PC minimum requirements	CPU	Minimum 1.4 GHz processor with 256 MB (512 MB recommended) system RAM		
	Harddisk space	1 GB free harddisk space for Primus		
	Operating system	Windows XP Professional SP2 (32-bit), Windows Vista (32-bit) including: Vista Home Basic, Vista Home Premium, Vista Business, Vista Enterprise and Vista Ultimate, Windows 7 (32-bit & 64-bit) including Windows 7 Home Premium, Windows 7 Professional and Windows 7 Ultimate		
	Graphics card	1024 x 768. XVGA		
	Connections	CD drive and USB 2.0 connection required		

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