Datasheet
PRIMUS REM AND SM

Standards	Real Ear Measurement	Classic Real Ear Measurements, compliant with EN 61669,
	Safety	ANSI S3.46 and ISO 12124
	EMC	IEC 60601-1, Class 1, Type B
Real Ear Measure-ment	Tests	REUR, REUG, REOR, REOG, REAR, REIG, RECD FF, and RECD Insert
	Output	Free Field
	Transducers	Primus Probe set
	Frequency Range	125 Hz to 16kHz
	Frequency Resolution	1/24th octave based on 2048 pt. FFT
	Signal Levels	50 - 90 dB SPL
	Stimuli Distortion	Less than 1%
	Stimuli	ICRA noises, ISTS, ISTS MPO, white noise, pink noise, speech noise ILTASS, speech noise
	Monitoring	Operator Monitor for talk-back and stimuli monitoring
	Client safety	UCL limiter
Speech Mapping	Output	Free Field
	Tests	Speech Mapping, Comfort Optimizer, Hearing Loss Simulator, Hearing Instrument Simulator
	Transducers	Primus Probe set
	Stimuli	ICRA noises, ISTS, ISTS MPO, white noise, pink noise, speech noise ILTASS, Live speech, Pre-recorded sound files
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
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
	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

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STANDARD
AND OPTIONAL PARTS

	Part number	Part name
Standard included parts	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	40.0006	REM Feature pack
	40.0008	AUD/REM Feature pack
	40.0016	AUD/SM Feature pack
	40.0017	REM/SM Feature pack
	40.0018	AUD+REM/SM Feature pack
	40.0009	Speech Mapping Feature pack
	40.0010	Local Calibration Feature pack
	40.0013	Comfort Optimizer Feature pack
Optional parts	90.3004	Insert Earphone
	91.0108	Free Field Speaker
	91.0110	USB Isolation Cord
	90.3004	Real Ear Probe
	90.3014	EAR 3A
Consumables	90.4015	Ear Hanger (4 Pieces)
	91.0302	Probe tube guide (8 pcs)
	91.0303	Probe tubes (36 pcs)

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