

Primus AUD Real Ear Fitting System

Primus AUD, part of the Real Ear Fitting System, is a portable and PC based audiometer module providing a wide range of possibilities within pure tone, bone conduction and speech audiometry.



- › Full-featured audiometry
- › Future proof fitting system
- › Predefined workflows for easy navigation
- › Professional counselling
- › Innovative client view
- › Compatible with NOAH and certified office management systems



Easy navigation by defined workflows

In the default or customized set-up, the tabs on the Navigation panel reflect the workflow overview, listing all tasks needed for specific visit or client types and check marks indicate finalised and upcoming tasks according to your protocol.



Professional counselling-Included

A battery of topic related guidelines with sound file and picture browser completes the Real Ear Fitting System for professional customer care supporting also the branch conformity in hearing assessments. A client view on a separate monitor enables you to counsel your clients professionally about the best treatment.

All inclusive solution - minimal calibration downtime

Primus AUD includes the Primus Fitting Unit and the unique Primus headsets that are easily replaced without any system downtime. Additional transducers for high frequency and bone conduction are available.

Flexibility in many ways

The Primus Fitting Unit is so small that it fits into a laptop bag, making it convenient for home fittings just bringing the box, inserts, probes and a USB cable.

The Primus AUD system includes the Primus Fitting Unit, Primus Inserts and Primus Probes. With a choice of inserts or headsets and an option for high frequency testing. Everything you need to offer audiometry for real - in the clinic or on the go.

Technical specifications

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		
	Output	AC, BC and Free Field		
	Transducers	Primus Insert, TDH39, HDA280, HDA200, B71 and 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, modulated tone, narrowband noise, white noise, speech-weighted noise, and pink noise		
	Masking			
	Extended range	+20 dB		
	Step size			
	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		
	Talk over / talk back	Full bi-directional client communication with two-channel operator microphones		
	Client safety	Maximum level limiter (UCL or UCL -15dB)		
Speech Testing	Output	AC, BC, and Free Field		
	Transducers	Primus Insert, TDH39, HDA280, HDA200, B71 and Free Field Loudspeakers		
	Stimuli			
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, Real Ear Primus Probes, Talk Back Microphone, Operator Monitor, Left and Right Talk Over/Live Speech, Client Headset, FF1, FF2, FF3, Left and Right Loudspeaker, USB and DC		
Standard included parts	Primus Fitting Unit	Optional parts	TDH39 Headset	Loudspeaker
	Primus Insert		HDA280 Headset	Headset with microphone
	Client Response Switch		HDA200 Headset	Headset w/o microphone
	USB cord		B71 Bone conductor	Microphone
	DC Adaptor			
PC minimum requirements	CPU	Minimum 1.4 GHz processor with 512 MB (1 GB recommended) system RAM.		
	Hard disk space	1 GB free hard disk 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) including Windows 7 Home Premium, Windows 7 Professional and Windows 7 Ultimate		
	Graphics card	1024 x 768. X VGA, Dual monitor output recommended		
	Connections	CD drive and USB 2.0 connection required		



SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

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