

Primus Fitting System

Real Ear Measurement

The Primus Fitting System contains all the functions required to perform audiometry, real ear measurements and counselling, and when required, testing of hearing instruments. The system operates within the NOAH framework and you can use it simultaneously with the proprietary hearing instrument fitting systems of your choice.

Audiometry for real

Primus AUD is a PC based audiometry module providing a wide range of possibilities within pure tone audiometry, bone conduction audiometry and speech audiometry. Hence everything you need to offer audiometry for real.






Classic Real Ear Measurements

With Primus you can perform the classic range of real-ear measurements: Unaided, Occluded and Aided Response as well as Insertion Gain. Toggling between SPL and Gain show the response measurements in gain view.

Easy navigation by defined workflows

In the default or customized set-up, the tabs on the Navigation panel reflect the workflow during a typical series of sessions with check-list icons suggesting the workflow sequences.

-  Tasks you have visited will have a green check-mark icon next to it.
-  Next task on the list will have a yellow icon with lines in it
-  The remaining tasks will have an icon of a neutral colour with an x inside it

Professional counselling

A battery of topic related guidelines with sound file and picture browser complete the Primus Fitting System for professional customer care supporting also the branch conformity in hearing assessment.

All inclusive solution - no calibration downtime

Primus AUD includes the Primus Fitting Unit, Primus Inserts and the unique Primus Probes that hold calibration thus is easily replaced without any system downtime.

Classic real ear measurement

Futureproof fitting system

Predefined workflows for easy navigation

Professional counselling

Innovative client view

Compatible with NOAH3 and certified office management systems

1 year rental period - all inclusive



The Primus REM system includes the Primus Fitting Unit, Primus Inserts and Primus Probes. Everything you need in classic real ear measurement - in the branch or on the go.

Technical specifications

REM unit

Primus Fitting System is the most visionary fitting system on the market and includes everything you need within audiometry, real ear measurements, client counselling and hearing aid testing. All modules are designed for easy and intuitive use and come with a suite of tools for well documented and easy to understand client counselling. The system operates within the NOAH framework and can be used simultaneously with your choice of fitting software.

Standards	Real Ear Measurement	Classic Real Ear Measurements, compliant with part of EN 61669 and part of ANSI S3.46
	Safety	IEC 60601-1, Class 1, Type B
	EMC	IEC 60601-2
Real Ear Measurement	Tests	REUR/REUG, REOR/REOG, REAR, REIG, RECD
	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	Pure tone, modulated tone, narrowband noise, white noise, speech-weighted noise, and pink noise
	Step size	
	Monitoring	Operator Monitor for talk-back and stimuli
Speech Mapping	Client safety	Maximum level limiter (UCL or UCL -15dB)
	Output	Free Field
	Transducers	Primus Probe Set
Instrument	Stimuli	ICRA, ISS, Live speech, Pre-recorded sound files.
	Output	Free Field
	Transducers	Primus Probe Set
	Stimuli	ICRA, ISS, Live speech, Pre-recorded sound files.
Standard included parts	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
	Primus Fitting Unit	Optional parts Headset w/o microphone Loudspeaker
	Primus Probe	
	USB cord	
PC minimum requirements	DC Adaptor	
	CPU	Minimum 1.4 GHz processor with 512 MB (1 GB 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, Vista Ultimate
	Graphics card	1024 x 768. XGA, Dual monitor output recommended
Connections	CD drive and USB 2.0 connection required	

