The Primus Fitting System

Full Flexibility

The Primus Fitting System is a modular system that includes AUD, REM, Speech Mapping and HIT modules. Choose only the modules you need.

In the Clinic or On the Go

The Primus Fitting Unit can handle both Audiometry and Real Ear Measurement incl. Speech Mapping. It is so small that it fits into a laptop bag, making it convenient for home fittings just bringing the unit, headsets and a USB cable.

Easy Navigation

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 finalized and upcoming tasks according to your protocol.

Professional Counselling

A battery of topic related guidelines with sound files and picture browsing completes the Primus Fitting System for professional customer care supporting conformity in hearing assessments. With a Client View on a separate monitor, you can easily counsel your clients professionally about the best treatment.

Video Otoscope

With the Primus Video Otoscope, you can perform Otoscopic examinations and check the placement of the probe tube in the ear canal with magnified clarity. Video Otoscope is fully integrated with NOAH and Primus.

No Calibration Downtime

Calibration is handled by replacing your transducers (headsets), which means there is no system downtime during calibration.

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Auditdata – your partner in audiology solutions

With more than 20 years of experience, Auditdata continuously strives to provide hearing care professionals with the best solutions on the market through optimized product synergies for measuring equipment and office management systems. Our main objective is to bring value to our customers. For that to happen, we listen to our customers and keep their business needs in focus before, during and after developing our solutions.

If you are interested in partnering with Auditdata, please visit us online:

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Your Partner in Audiology Solutions

- Audiometry
- Real Ear Measurement
- Speech Mapping
- Hearing Instrument Testing
- Video Otoscope

THE NEW STANDARD IN FITTING

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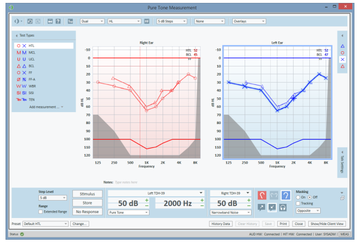
Audiometry

Full-Featured Audiometry

The Primus Fitting Unit is a PC based diagnostic audiometer providing a wide range of possibilities, which includes pure tone and speech audiometry. You also have the option of using high frequency testing. Choose between either inserts or headsets according to your preference or use multiple headsets if needed.

The stand-alone client data files hold all historical session information and make fittings away from the office very easy.



Instant Updates

With true 2 channel Audiometry, the Primus AUD module is fully up to date for today's clinical needs. As a software-based audiometer, it has the capability of downloading upgrades for both the software and the firmware from the internet. This enables the system to keep up to date with your future clinical needs, ensuring that the lifetime of the system is longer than other audiometer systems.

Fact Box

Output	AC, BC, and Free Field
Dimensions	345 x 110 x 35 mm (350 x 120 x 130 mm with cover)
Weight	475 g (800 g with cover)
Extended Range	+20 dB
Standards	Tone: IEC 60645-1:2012 / ANSI S3.6 Type 1, Speech: EN 60645-2:1993 / ANSI S3.6 Type A or A-E, Safety: IEC 60601-1 3rd (Class 2, Type B), EMC: IEC 60601-1-2
Compatibility	Noah 3.7, Noah 4 and certified office management systems
PC Minimum Requirements	CPU: Minimum 2 GHz processor (2 GHz or higher, multi-core recommended) with 2 GB system RAM (4 GB or more recommended), Hard disk space: 2 GB free hard disk space for Primus, Graphics card: 1024 x 768 (1280 x 1024 recommended). XVGA, Dual monitor output recommended, Connections: USB connector 2.0 or higher required and CD drive if speech test CDs are used
Operating Systems	Windows XP Professional SP2 (32-bit & 64-bit); Windows 7 (32-bit & 64-bit), including Home Premium, Professional and Ultimate; Windows 8 and 8.1 (32-bit & 64-bit); Windows 10

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Real Ear Measurement

Classic and Future Proof

With the Primus Fitting Unit you can also perform classic Real Ear Measurements as well as comprehensive Speech Mapping measurements, depending on your license. The Primus REM module includes everything you need in a future proof fitting system: All measurements include high frequency testing and are supported by a large sound library including technical sounds, daily life sounds, speech signals, and dialogue.

The classic Real Ear Measurements include: Unaided, Occluded and Aided Response as well as Insertion Gain. Toggling between SPL and Gain shows the response measurements in gain view.

Speech Mapping

Speech Mapping measurements can be predefined and customized for optimal Hearing Instrument fine adjustments, Client counselling, and demonstrations.

Fact Box

Tests	Unaided, Occluded, and Aided Measurements, RECD Freefield and Insert
Targets	NAL-NL1, NAL-NL2 and DSL v5
Frequency Range	125 Hz to 16 kHz
Signal Levels	50-90 dB SPL
Standards	Compliant with EN 61669, ANSI S3.46, and ISO 12124 Safety: IEC 60601-1 3rd (Class 2, Type B), EMC: IEC 60601-1-2
Compatibility	Noah 3.7, Noah 4, and certified office management systems
PC Minimum Requirements	CPU: Minimum 2 GHz processor (2 GHz or higher, multi-core recommended) with 2 GB system RAM (4 GB or more recommended), Hard disk space: 2 GB free hard disk space for Primus, Graphics card: 1024 x 768 (1280 x 1024 recommended). XVGA, Dual monitor output recommended, Connections: USB connector 2.0 or higher required and CD drive if speech test CDs are used
Operating Systems	Windows XP Professional SP2 (32-bit & 64-bit); Windows 7 (32-bit & 64-bit), including Home Premium, Professional and Ultimate; Windows 8 and 8.1 (32-bit & 64-bit); Windows 10

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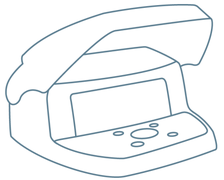
Hearing Instrument Testing

Ease of Use

The Primus HIT unit offers full-featured technical measurements for testing and troubleshooting of hearing instruments. The HIT Unit is powered by a USB connection from the PC and can be placed at the most convenient working place.

On-top diagrams and control panels make it easy to use the Primus HIT module simultaneously with the proprietary hearing instrument fitting software of your choice.



Support of Test Standards

The Primus HIT module supports both IEC and ANSI standards. Hearing Instrument Programming cables can be connected to the unit and, using the software, left or right side connection can be switched through to the chamber connection.

Automated Test Sequences

In the default or customized set-up, the Navigation panel lists all tasks needed for specific Hearing Instrument Tests. The listed tests can be carried out in an automatic sequence, where the user can control the test steps directly from the action button on the HIT unit.

Fact Box

Frequency Range	125 Hz to 16 kHz
Frequency Resolution	1/6, 1/24th octave based on 2048 pt. FFT
Battery Pill Types	5A, 10A, 312, 13, and 675
Output	Loudspeaker or telecoil
Standards	Hearing Instrument Testing: IEC 60118-7 and IEC 60118-15, ANSI S3.22, Safety: IEC 60601-1 3rd (Class 2, Type B), EMC: IEC 60601-1-2
Tests	OSPL90, Full-On-Gain, Frequency Response, Harmonic Distortion, Equivalent Input Noise, Battery Current, AGC Input/Output, AGC Dynamic Characteristics, Induction
PC minimum requirements	CPU: Minimum 2 GHz processor (2GHz or higher, multi-core recommended) with 2 GB system RAM (4 GB or more recommended), Hard disk space: 2 GB free hard disk space for Primus, Graphics card: 1024 x 768 (1280 x 1024 recommended). XVGA, Dual monitor output recommended, Connections: USB connector 2.0 or higher required and CD drive if speech test CDs are used
Operating system	Windows XP Professional SP2 (32-bit & 64-bit); Windows 7 (32-bit & 64-bit), including Home Premium, Professional and Ultimate; Windows 8 and 8.1 (32-bit & 64-bit); Windows 10

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