

AudioLab+ Diagnostic Audiometer – Pure Tone & Speech (Two-Channel, Free Field Ready)

Excellence Par Affordability. Empowering the practice of hearing worldwide with a diagnostic-grade, portable audiometer that meets global standards for hospitals, clinics, and ENT audiology centers.

Overview

AudioLab+ is a true hybrid diagnostic audiometer that can operate as a stand-alone unit or with a PC via the AudioSoft audiology software. It supports pure tone audiometry (air and bone), speech audiometry, masking in audiometry (wideband, narrowband, and speech noise), Tone Decay Test (TDT), SISI/ABLB, and optional free field audiometry with VRA/COR. The device streamlines ENT workflows with auto-synchronized tone and masking, real-time color-coded audiogram plotting, and virtually unlimited on-device test memory. Designed for reliability and portability, AudioLab+ minimizes recalibration needs thanks to stable digital circuits and a robust build (approx. 1.45 kg).

Salient Features

The system offers hybrid operation with seamless transition between stand-alone and PC modes; auto-synchronized tone and masking for faster test execution; two independent channels; real-time plotting and updating of color-coded audiograms; live voice and embedded speech with an automated speech scorer; advanced COR on the device with simple controls; and a sturdy, highly portable design engineered for longevity.

AudioSoft – Audiology Software

AudioSoft enables touch-ready operation on laptops and PCs, providing a streamlined workflow, an advanced audiological database to manage patient records, and built-in statistical tools for analyzing test data. Together with AudioLab+, the software creates a cohesive, modern audiology environment for clinical and teaching settings.

Product Configuration Matrix

Model	AC/BC/Speech/Masking/TDT	SISI/ABLB	Stenger/Lombard	High Frequency*	Free Field*	VRA/COR*	Software Operation*
AudioLab+	✓	✓	×	×	✓	×	✓
AudioLab+	✓	✓	✓	✓	✓	✓	✓

Pro							
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Technical Specifications – AudioLab+

General: Brand Labat; diagnostic audiometer with two channels; in-built microphone; touch-key operation; automatic synchronized tone and masking; infrequent calibration due to stable digital circuits. Output: AC 125–8000 Hz; BC 250–8000 Hz; Free Field 125–8000 Hz; intensity range at 1000 Hz from –10 to +120 dB HL; masking types include wideband, narrowband, and speech noise. Accuracy: 16-bit resolution; precision ± 50 ppm; stability ± 100 ppm; signal-to-noise ratio greater than 100 dB. Electrical & performance: power supply 220 V at 50 Hz; harmonic distortion less than 1%.

Accessories

Standard accessories include TDH 39/49 (or equivalent) headphones, RadioEar B71W (or equivalent) bone conductor, a patient response button, USB cable, and software. Optional accessories include ER-5A or ER-3A headphones, talk-back and talk-forward units, cables for silent-room speakers (Free Field option), high-power Free Field, patch cords for a two-room setup, and a thermal printer.

Environmental & Mechanical

Storage temperature ranges from –20°C to +50°C, while operating temperature ranges from 5°C to 40°C with operating relative humidity between 10% and 90%. The device weighs approximately 1.45 kg and measures 31.5 × 19.5 × 6.5 cm.

Purchase & Support

RS Enterprises is a manufacturer-backed supplier and authorized distributor and dealer for AudioLab+ in Eastern and North-Eastern India, including Siliguri, Kolkata, Bhubaneswar (Odisha), and Guwahati, with pan-India shipping. We provide installation, calibration, staff training, and responsive after-sales service. Contact us for an India-specific audiometer machine price and availability.

Frequently Asked Questions

Do you have local coverage? Yes. We serve Siliguri, Kolkata, Bhubaneswar (Odisha) and Guwahati, and ship pan-India. Is AudioLab+ suitable for hospitals and clinics? Yes, it is a diagnostic-grade two-channel audiometer designed for ENT and audiology practice. Does it include software? AudioSoft is included for PC operation, data management, and analytics. What about printers and Free Field? Thermal printer and Free Field components are available as add-ons.