

StarAudio 1000 Audiometer

TECHNICAL SPECIFICATIONS



The StarAudio 1000 Audiometer is a compact, lightweight, computer controlled state-of-the-art audiometer designed for the clinical dispensing environment.

Features

StarAudio 1000

Weighing approximately ½ pound, the StarAudio 1000 features include: pure tone, pulsed tone, warble tone, masking, monaural speech, stenger, binaural speech and free field.

Audiometric Speech Testing

Well published recorded speech audiometric tests are stored digitally on board the audiometer. Speech can also be presented through the microphone to monitor live voice testing or through the auxiliary input. The Talk Over and Talk Back features allow for added functionality during testing.

Accessories

The StarAudio 1000 comes standard with TDH-39 ear phones, bone oscillator assembly, monitor headset and microphone, software, patient response switch, multiple language options, and carrying case.

Masking

Masking just became easier. By selecting the tracking function, StarAudio 1000 sends the expected noise intensity to the contra-lateral head phone. The difference between tone and masking can be modified by the examiner.



Complete the hearing test with the mouse and/or keyboard with ease.



Test records can be stored in the StarAudio 1000 database and can be superimposed on current test data for easy comparison. Test records can also be stored in NOAH to allow easy interface of test data into Starkey's fitting software.



StarAudio 1000 Specifications

Power Sources	Type 2.0 USB port
Pure Tone Frequency Range	
Air Conduction	125 – 8000 Hz (Optional High Frequency to 20,000 Hz)
Bone Conduction	250 – 8000 Hz
Free Field	125 – 8000 Hz
Intensity Range	
Dial Graduate	5 dB (5 dB and 1 dB for Speech)
Masking	Wide Band Speech Noise and Narrow Band. User defined Automatic Tracking to contralateral Ear Phone.
Accuracy of Frequency	Less than 3% variance of indicated
Distortion	Less than 1%
NOAH	Compatible
Printing	Available through computer
Computer	OS minimum Windows XP and USB 2.0 Microsoft® Windows® XP®
Voice Material	List of words installed in flash memory Ch 1 - Ch 2 independent inputs, CD1, CD2 two separate VU-meters, masking noise – Wide Band
Signal Mode	Normal ON – Normal OFF Continuous – Pulse (user adjustable) Warble – +/- 5% Patient Response Talk Back Talk Forward
Standard Accessories	TDH 39 Ear Phones, B 71 Bone Vibrator, Patient Response Switch, Patient Response Microphone, Operator Microphone and Talk Back Monitor Head Set, USB Cable, CD with Software, Operational Manual (e-format)
Optional Accessories	ER 3A Insert Phones (separate calibration files for transducers), Amplified Free Field Speakers, Patch Cables, Aural Cups, High Frequency Ear Phones
Weight	Less than .6lbs (260 grams)
Dimensions	3.75" x 6.2" x 1.2" (9.5 cm x 15.7 cm x 3 cm) (w x d x h)
Standards	ANSI 2004, Type 2 A-EC

StarAudio 1000 2 Channel Audiometer CEN 60645-1 Standards:

Type 1 A-E CEN 60645-1, EN 60645-2 (1997)

Type 2 A-EC ANSI S 3.6 (1996)

EN6061-1 (1990) Class II - Type B

EMC 60601-1-2 (2001)