Axiom®
Standard Verification

YOUR PATIENTS DESERVE THE BEST POSSIBLE HEARING EXPERIENCE.

audioscan®
Professional Verification

audioscan.com/axiom

STANDARD VERIFICATION

Audioscan's Axiom offers the highest quality in standard verification. It is for clinics who need only the essentials in verifying hearing instruments. Simply connect to your laptop or an external monitor and your **AXIOM IS READY TO GO TO WORK!**

WHY BUY AXIOM?
FOR VALUE AND PERFORMANCE

Axiom includes full test box capabilities

Remote connectivity with Noah® facilitates easy and efficient integration into your office

Axiom is a stand-alone powerful computer, avoiding future operating system conflicts faced by PC-based equipment

Dual probe microphones for fast, convenient set up

Axiom's smaller footprint is space-efficient

Connect a large screen monitor for better counseling impact

DEBATING WHICH BRAND TO BUY?

- **Audioscan is #1** because of our commitment to rigorous accuracy and ease of use

- **Verification is Audioscan's only business** – we are specialists

- **Audioscan products include excellent counseling tools** that improve patient acceptance, satisfaction and referrals

- **Audioscan was first to develop** real-time directional testing

- **Speechmap® is Audioscan's world-first innovation** that revolutionized hearing instrument verification in the 1990s

- **Audioscan's Speechmap® is popularly referenced** in published textbooks and industry white papers

- **Audioscan products are designed to give patients** the best possible hearing experience

AXIOM SAVES YOU 30%†

GET THESE HARD-WORKING, RELIABLE FEATURES!

DID YOU KNOW?

Audioscan Offers Superb Service and Support

1. Enjoy a full two year warranty
2. You get free software upgrades for up to 10 years
3. Excellent reputation for minimal repairs
4. We answer the phone live Mon – Fri, 8:30 – 4:30 EST
5. Our distributors are in 40+ locations throughout the USA & Canada, plus internationally

Patients Value Their Verification Experience

1. **DOUBLES**[1] the expected $ value of clinician services
2. **ASSURES** the best fitting possible
3. **SHOWS** them on Speechmap® what their hearing aid is doing for them
4. **SPEAKS** to them in their own language (9 popular choices)

Audioscan Training Builds Skilled Professionals

1. Hundreds of top clinicians attend Audioscan full-day workshops every year
2. Our customer service team answers immediate application inquiries
3. Learn from video webinars on new software features twice per year
4. Get one free in-service training in your own office with every purchase
5. Learn from our extensive research with leading academics and institutions
6. Explore our online library for specific learning & problem solving

[1]Amlani et al, 2016 Hearing Review, December Issue.

	Axiom	Verifit2
STANDARD VERIFICATION TOOLS		
Real-Ear and test box (S-REM)	●	**BINAURAL**
Calibrated real speech stimuli	●	●
Percentile analysis display	●	●
DSL®5, NAL-NL2, CAMFIT targets	●	●
ANSI 2014 test box measurement	●	●
Frequency-lowering test stimuli	●	●
User-supplied sound files	●	●
FM fitting protocol	●	●
Real-Ear to Coupler Difference Measurement	●	●
ADVANCED VERIFICATION TOOLS		
SII target ranges	●	●
Noise reduction, feedback, occlusion tests		●
CROS/BiCROS fitting in Speechmap™		●
Speechmap® for telecoil		●
Monitor headphones		●
Directional test		●
Verifit® Skull Simulator compatibility		●
Wideband verification (REM & Test box)		●
MAOF highlighter for frequency lowering		●
STANDARD EASE OF USE FEATURES		
Context sensitive help	●	●
Smart calibration/sound field equalization	●	●
Noah® module (Extra charge)	●	●
ADVANCED EASE OF USE FEATURES		
On-screen virtual keyboard	●	●
Print to PDF (EMR compatible)	●	●
PC control/display capability (On-top mode)	●	●
Wireless networking	●	●
Screen text in 5 languages	●	●
VerifitLINK™ automated verification		●
Puttyless coupling in test box		●
Heads-up help with instructive pictures		●
Convenient L/R display swap		●
Binaural Sound Field Assist		●
COUNSELING TOOLS		
Sensory Loss Simulator™	●	●
Audibar SII display	●	●

†Compared to Verifit2. Based on 2018 price list. Subject to change.

Product Specifications

Axiom
Standard Verification

REAL-EAR (REM)
Per IEC 61669/ANSI S3.46[††]

REM Speaker   13.5 x 9.5 x 9.5 cm
Probe module   dual probe and ref. microphones
Probe microphone tube   silicone 1 mm diameter x 75 mm
Analyzer Frequency range   200 – 8000 Hz
Analyzer filter parameters   tones, warble   1/12 octave
　　　　　　　　　　　　　speech, noise   1/3 octave,
Analyzer display range   200 – 8000 Hz
Probe microphone noise floor (200-8000k)   <45dB SPL
Frequency accuracy   2%
Measurement dynamic range   30 – 135 dB SPL (200 – 2500 Hz)
　　　　　　　　　　　　　　　30 – 140 dB SPL (2500 – 8000 Hz)
Speech-like stimuli   calibrated speech (level and spectrum),
　　　　　　　　ISTS, band-limited and s/sh for verifying frequency lowering,
　　　　　　　　live speech
Broadband noise stimuli   tone burst, pseudo-pink noise
Narrowband stimuli   warble sawtooth modulated +/- 3% over 128 ms
User supplied stimuli   WAV file, auto level
Stimulus level range   40 – 85 dB SPL in 5 dB steps
Measurement accuracy at 1kHz (CAL position)   +/- 1 dB
Measurement accuracy re 1kHz   200 – 2000Hz +/-1.5 dB
　　　　　　　　　　　　　　　2000 – 8000Hz +/- 2.5 dB
Equalization   modified pressure method – concurrent and stored

[††]Distance of .5m in a quasi-free soundfield, where the boundaries of the room exert
  a negligible effect.

TEST BOX (HIT)
Per IEC 60118/ANSI S3.22

Test box speaker   1 – 30.5 mm round
Working space   152.4 cm^3
Test box isolation @1kHz   >25 dB
Analyzer Frequency range   200 – 8000 Hz
Analyzer Display range   200 – 8000 Hz
Coupler microphone noise floor (200 – 8000 Hz)   <40 dB SPL
Frequency accuracy   2%
Measurement dynamic range   30 – 135 dB SPL (200 – 2500 Hz)
　　　　　　　　　　　　　　　30 – 140 dB SPL (2500 – 8000 Hz)
Speech-like stimuli   calibrated speech (level and spectrum),
　　　　　　　　ISTS, band-limited and s/sh for verifying frequency lowering,
　　　　　　　　live speech
Broadband noise stimuli   tone burst, pseudo-pink noise
Narrowband stimuli   pure tone
User supplied stimuli   WAV file, auto level
Test stimulus levels   40 to 90 dB in 5 dB steps
Test stimulus distortion (tone)   <2% at 90 dB SPL
　　　　　　　　　　　　　　　　<0.5% at 70 dB SPL
Measurement accuracy at 1 kHz (CAL position)   +/- 1 dB
Measurement accuracy re 1 kHz   200 – 5000 Hz +/- 1.5 dB SPL
　　　　　　　　　　　　　　　5000 – 8000 Hz +/- 2.5 dB SPL
Equalization   modified pressure method, concurrent
Harmonic distortion measurement   2nd and 3rd or 2nd plus 3rd
Harmonic distortion range   200 – 4000 Hz
Harmonic distortion accuracy   +/- 1%

GENERAL

Temperature (storage)   -20 to +60˚C
Relative humidity (non-condensing)   5% to 95%
Atmospheric pressure   500 – 1060 hPa
Power source   100 – 240V, 47 – 63Hz, 1.35A
Overall dimensions   31.75 x 31.12 x 10.8 cm (12.5 x 12.25 x 4.25 in.)
Weight   3.45 kg (7.6 lbs)
Display type   User supplied
Display size   User supplied
Power ampliers   1
Stimulus channels   1
Measurement channels   2

Connectivity   1 - Ethernet (RJ45)
　　　　　　　4 - USB
　　　　　　　2 - HDMI
　　　　　　　1 - External speaker (RCA)
　　　　　　　1 - RECD transducer (3.5 mm TRS)
　　　　　　　1 - Test chamber ref. mic. (3.5 mm TRS)
　　　　　　　1 - Coupler microphone (3.5 mm TRS)
　　　　　　　2 - Real-ear microphones (3.5 mm TRS)

For detailed testing capabilities, see the Axiom user guide at http://audioscan.com/library

Contact us today for a free demo at audioscan.com/professional.

audioscan
Professional Verification

bsi.
ISO
13485
Medical Devices
Quality
Management

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