

NEW! Audioscan Verifit® Skull Simulator



Shows exactly what bone anchored hearing devices are really doing!

Are you giving your bone-anchored hearing device patients the best possible hearing experience?

Until now, verifying bone-anchored hearing devices (BAHD) has been guesswork, leaving patients at risk of sub-standard hearing care. Traditional methods of behavioral verification have well-known limitations like:

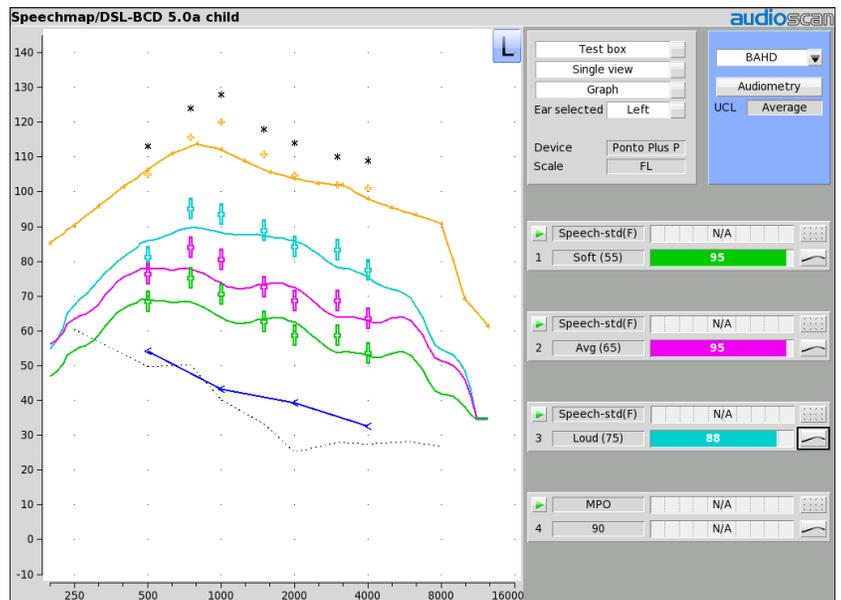
- Test-retest variability
- Limited frequency resolution
- No estimate of maximum output
- Stimuli are not real world
- Inaccurate estimations of gain at real world levels

No more! Now you can easily verify the capabilities of Ponto® and Baha® devices using any Verifit® test box.

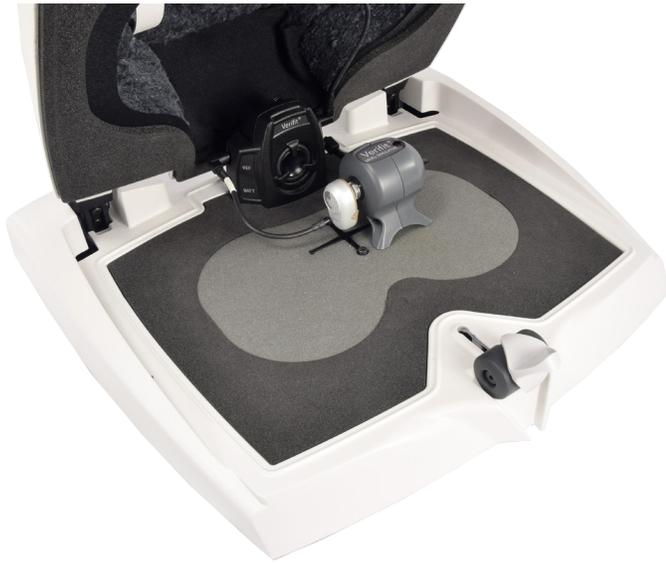
Verifit's new skull simulator offers accurate on-skull simulations with powerful new Speechmap® enhancements!

You will immediately notice that we have created a specialized new Speechmap environment. It uses Force Level (FL) with appropriate vibrational transforms to represent the dynamic range of the patient.

When used in combination with the new DSL-BCD* targets for bone conduction devices integrated into Speechmap, you can objectively verify that appropriate levels of audibility are provided across frequencies for various speech input levels.



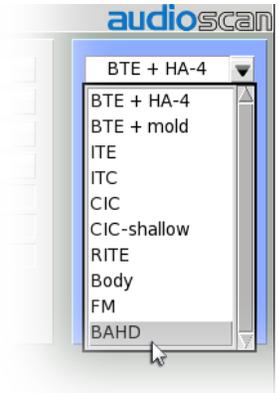
* William E. Hodgetts & Susan D. Scollie (2017): DSL prescriptive targets for bone conduction devices: adaptation and comparison to clinical fittings, International Journal of Audiology, DOI: 10.1080/14992027.2017.1302605



The Verifit Skull Simulator offers superior ease of use

Good news! You do not need additional power, connections or software licenses.

Simply connect the skull simulator to the test box coupler microphone connection of your Verifit professional verification system, attach the abutment-based BAHD, select 'BAHD' from the instrument-type drop-down menu and conduct Speechmap-based verification as you would with traditional hearing aids.



How does the Verifit Skull Simulator work?

The Verifit Skull Simulator is an electronic coupler that simulates the mechanical impedance of the human head. It converts vibrations from the attached BAHD into electrical signals which are then received and displayed by the measurement equipment.

Check out these advanced features for professionals

The Skull simulator supports the advanced test box capabilities provided with Verifit systems. Accurately verify the adaptive features of your BAHD to confirm functionality and guide programming decisions. Evaluate noise reduction and battery drain using all Verifits, along with directional microphones using the Verifit2. Audio signals from associated streamers and FM systems can also be measured to ensure suitable levels of amplification relative to DSL-BCD targets and the patient's dynamic range. Listen in to all of your BAHD measurements using the binaural monitor headphones to instantly inform and further improve your troubleshooting capabilities.



Take the guesswork out of your BAHD fittings with the new Verifit Skull Simulator from Audioscan, the professional verification experts.

Product Specs:

Size: 5.5H x 5.0W x 4.5D cm
Weight: 180g
Calibration: 0 dBFL re 1uN*

Noise Floor: 35 dBFL (200 Hz - 5 kHz)
Max Level: 145 dBFL
Bandwidth: 200 – 12.5 kHz (3rd Octave)

Power: Self powered VF1, VF2
Coupling: Baha & Ponto compatible
*equivalent to TU-1000

Compatible with Verifit2 and Verifit VF-1*

*VF-1 s/n 2070 and up; certain limitations apply

audioscan[®]
Professional Verification

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