

Acoustic stimulus generation	
Frequency response, re. 1 kHz, main loudspeaker (equalized)	125 - 10000 Hz
Frequency response, re. 1 kHz, rear loudspeaker (equalized)	125 to 10000 Hz: ± 3.0 dB
Maximum output level, main loudspeaker	90 dB SPL (pure tone), 78 dB SPL (speech)
Harmonic distortion, acoustic tone output, main loudspeaker	Less than 0.5 % up to 70 dB SPL, Less than 2.0 %, 70-90 dB SPL
Test level range	40 - 100 dB SPL
Acoustic measurements	
Frequency range, coupler microphone (equalized)	125 - 10000 Hz
Battery simulator	
Voltage range	0 to 2.0 V
Resolution, voltage	0.02 V
Accuracy, voltage	± 0.05 V
Output impedance range	3 to 10 ohm
Resolution, impedance	0.1 ohm
Accuracy, impedance	± 5 %
Current measurement range	0.5 to 40 mA
Current measurement accuracy	± 5 %
Tele coil	
Max. field strength	31.6 mA/m
USB port connector	
Type:	USB device port, type B
Interface:	USB 2.0
Speed:	High speed
Power consumption:	Max. 2.5 W
Dimensions	
Approximately, WxDxH	16 x 31 x 28 cm (6.3 x 12.2 x 11 in)
Weight	
Weight	6.3 kg (13.9 lb)
Transport and storage	
Temperature:	-15°C to +55°C (5°F to 131°F)
Air humidity:	10% to 90%, non-condensing
Operating environment	
Operating environment	Indoors
Operating temperature range	15 to 35 °C (59 to 95 °F)
Maximum relative humidity	Maximum relative humidity 80% for temperatures up to 31°C (88 °F) decreasing linearly to 50% relative humidity at 40°C (104 °F).
Altitude	Up to 2,000 m (6,562 feet)
Warm-up time	< 15 min
Standards	
AURICAL HIT	CE-marked according to the Electrical Safety Directive IEC 61010-1
Test standards	ANSI S3.22 IEC 60118-7
EMC	IEC 61326-1
Accessories	
BTE adapter tube, Coupler set, including 2cc coupler, and snap-on adapters HA-1 (ITE), HA-2 (BTE), and body-worn, Elevation plate, Reference microphone, Coupler microphone, Accessory Box, Battery Probe Kit, Accessory Box microphone cable, USB cable, Acoustic putty, AURICAL HIT Reference Manual, AURICAL HIT User Guide	
System requirements	
For system requirements, please refer to the OTOSuite data sheet.	