

Technical data	
Interface	Wireless Bluetooth data transfer to PC, version 2.0, + EDR, class 2 (10 meters/33ft).
Frequency resolution	1/24 octave or 1/3 octave, in 4 channels
Intensity accuracy:	± 3 dB
Measurement intensity range:	Probe microphone 40 - 130 dB SPL
Probe microphone:	Intensity: 40 - 130 dB
Reference microphone:	Intensity: 40 - 110 dB
Dynamic range:	> 80 dB
Calibration data:	Stored electronically inside the probe
Battery types:	Rechargeable, Ni-MH, AA (R6) 1.2V, 1 pc.(Use only rechargeable batteries supplied by Otometrics). Can also be used with Alkaline AA (R6) 1.2V, 1 pc.
Estimated battery life:	5 hours of continuous use.
Probe Microphone Measurements module	
Stimuli:	Integrated custom stimuli, Pink Noise, White Noise, Speech ANSI, ISTS, ICRA, Rainbow Passage, Tone Sweep, FreeStyle sound library with favorites list, live, recorded signals, recordings, CD material (wav, mp3).
Tests available:	REUR, REUG, REOR, REOG, REAR, REAG, REIG, Noise Reduction, RECD, Dynamic REM, FreeStyle.
Counseling and Simulations module	
Functions:	Hearing Loss Simulator, Hearing Instrument Simulator, Speech Mapping, Predicted Aided Audiogram.
Stimuli:	Sound library, live, recorded signals, CD material (wav, mp3).
Integrated AURICAL configuration	
AURICAL Speaker (optional)	
Dimensions and weight:	Approx. 375 x 285 x 145 mm (14.8 x 11.2 x 5.7 inches), 1.5 kg (3.3 lb)
Input	RCA phone optimized for 8 Ω speaker
AURICAL Aud Power supply	
MeanWell MESS0A-6P1J, 50W	Output: 24 V, 2.08 A; Input: 100-240 V AC, 50/60 Hz, 1.5 - 0.8 A
Power consumption	< 60 VA
Built-in HI-PRO 2 (optional)	
Hearing instrument connection:	2 x 6-pin mini-DIN sockets
Safety:	EN 60601-1, Class 1, Type BF and UL 544.
EMC:	IEC 60601-1-2:2007 and EN 60601-1-2:2007 IEC 60601-1-2:2014 and EN 60601-1-2:2015
Accessories:	Test software. See the AURICAL Aud Service Manual.
Charger unit	
Inductive charger unit	
Nominal input voltage:	9 V DC
Max. power consumption while charging:	300 mA (at 9 V input voltage)
Power supply: BRIDGEPOWER CORP, MENB1010A0903B01	Input voltage range: 100-240 V AC, 50-60 Hz Output voltage range: 9 V DC, 1.10 A
Power supply: DONGGUAN SHILONG FUHUA ELECTRONIC CO., LTD., UE08WCP-090056SPA	Input voltage range: 100-240 V AC, 50-60 Hz Output voltage range: 9 V DC, 0.56 A
Power supply: DONGGUAN SHILONG FUHUA ELECTRONIC CO., LTD., UES06WNC-090060SPA	Input voltage range: 100-240 V AC, 50-60 Hz Output voltage range: 9 V DC, 0.6 A
Use only the power adaptor supplied with the instrument.	
General	
Operating environment	
Mode of operation:	Continuous.
Temperature:	+15°C to +35°C (59°F to +95°F)
Relative humidity:	30 to 90%, non-condensing
Air pressure:	600 hPa to 1060 hPa
Storage and handling	
Temperature:	-20°C to +60°C (-4°F to +140°F)
Rel. humidity:	< 90%, non-condensing
Air pressure:	500 hPa to 1060 hPa
Dimensions	
AURICAL FreeFit (HxWxD):	23 mm x 350 mm x 230 mm (0.91 x 13.7 x 9.1 inches)
Charger unit (HxWxD):	280 mm x 180 mm x 230 mm (11.4 x 7.1 x 9.1 inches) (with table plate mounted) 340 mm x 180 mm x 230 mm (13.8 x 7.1 x 9.1 inches) (with wall plate mounted)
Weight	
AURICAL FreeFit:	0.180 kg/0.40 lb
Charger unit:	0.700 kg/1.54 lb
Standards	
Real Ear Measurement:	EN 61669, ISO 12124
Safety:	IEC 60601-1, UL 60601-1, CAN/CSA -C22.2 NO 601.1-90 AURICAL FreeFit: IEC 60601-1, Internally Powered, Type BF, IPX0
EMC:	IEC 60601-1-2:2014 and EN 60601-1-2:2015 IEC 60601-1-2:2007 and EN 60601-1-2:2007 EN 300 328-2, EN 301 489-17
Accessories	
Standard accessories and optional accessories vary from country to country - please consult your local distributor.	
REM Probes (2 pieces), RECD Probes - short (2 pieces), RECD Probe - long (1 piece), REM Probe Tubes (50 pieces), Silicone Ear Cords (50 pieces), Ear Hooks, SoundHub 100, Headphone, semi-closed (customer), Headset, open (dispenser), Table-top microphone (recording), NOAH Link straps, Velcro clips, Y-splitter adaptor cable, REM tube support, OTOSuite DVD, OTOAir Bluetooth Dongle, RECD fitting kit (tubing and coupling), RECD Eartip starter kit, Aurical® FreeFit Reference Manual, Aurical® FreeFit User Guide	
System requirements	
For system requirements, please refer to the OTOSuite data sheet.	

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