

HANSATON wave 312 M

Behind-the-Ear (BTE) Hearing System Series



Earhook
(Standard)

Slim Tube
(Optional)

ANSI/ASA 3.22 2014 (R2020)/IEC 60118-0: 2022 2cc coupler technical data

	OSPL90		
	Maximum (dB SPL)	128	122
	HFA - OSPL90 (dB SPL)	121	111
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	63	58
	HFA - FOG (dB)	55	49
	Reference test setting (RTS)		
	Frequency range (Hz)	<100 - 7800	<100 - 8000
	Reference test gain (dB)	44	34
	Expected operating time (h)*	85	85
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	5.0/3.0/2.0/1.0	1.5/1.5/2.0/1.0
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLIV / ETLS-RTLS (dB SPL/dB)	105/1	95/1
	HFA MASL (1 mA/m at full on gain) (dB SPL)	85	76
	Standard: mic at 70 dB SPL vs. induction coil at 100 mA/m		
	--- Mic		
	--- Induction Coil		

Legend General Test Information

— Earhook
— Slim Tube

Battery: size 312 Zinc-air. Source voltage: 1.3V

* Battery performance depends on active features, the use of wireless accessories, hearing loss, battery age, sound environment and earpiece. Note that for non-rechargeable ZnAir batteries operating time might vary depending on the battery model.

The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995).

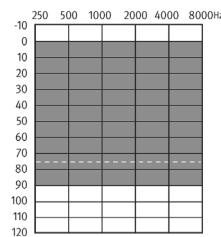
The hearing instrument set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.

Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold.

Monaural Latency in a fitted user mode is 6.5 ms according to ANSI 2051: 2017.

We reserve the right to change specification data without notice as improvements are introduced.

WARNING:
The developed SPL in the ears of children can be substantially higher than in average adults. RECD measured to correct target of fitted OSPL90 is recommended. Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.



--- Slim Tube



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