flow+

312 M BTE Hearing System

312 M

Performance profile

Channels		12
Processing types		NAL-NL2/NL1 and DSLv5 WDRC and linear

Signature features

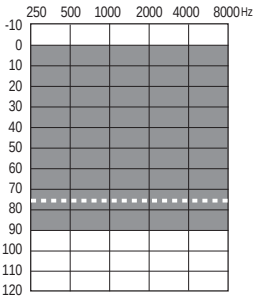
AutomaticMic	Adaptive Directional	•
	Fixed Directional	•
AcclimatizationManager		•
SoundRestore		•
SurroundOptimizer		•
SpeechLift		•
NoiseReduction		•
BiLink		•
FocussedFit		•

Features

Manual programs	Up to 4
FeedbackManager	•
Direct Sound Management	•
Sound Impulse Manager 2	•
Active Wind Block	•
Tinnitus Manager	•
MusicSelect	•
DataLogging	•
Telecoil	•
PhoneConnect	•
Plasma coating	•
IP68	•

Class	M
Output / gain earhook	129/63
Output / gain slim tube	122/56

Fitting guides



Slim tube (power dome)

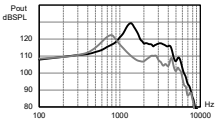
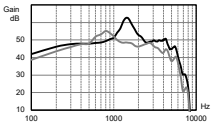
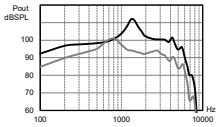
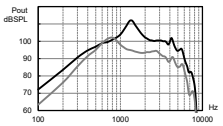
CE 0459

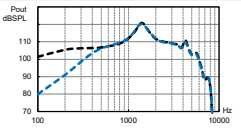
2020-01 027-6449-02

HANSATON hearing & emotions

flow+ 312 M BTE Hearing System

ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data

	Slim Tube (standard)	Earhook (optional)
	OSPL90	
	Maximum (dB SPL)	122	129
	HFA - OSPL90 (dB SPL)	112	121
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB)	48	53
	Reference test setting (RTS)		
	Frequency range (Hz)	‹100 - 6500	‹100 - 6500
	Reference test gain (dB)	35	44
	Current drain at RTS (mA)	1.3	1.4
	Typical battery life (h)	140	130
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	1.5/1.5/2.0/1.0	5.0/3.0/2.0/1.0
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0	104/0



Standard: mic at 70 dB SPL vs induction coil at 100 mA/m

Mic

Induction Coil

	Electromagnetic compatibility	
	EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil	M4/T4	M4/T4

Legend

Earhook

Slimtube

Test conditions

Earhook: filtered; Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
The hearing instrument is 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.
We reserve the right to change specification data without notice as improvements are introduced.