

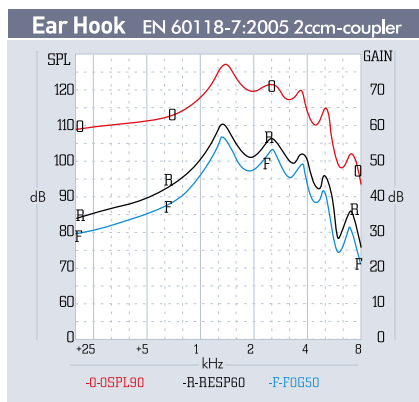
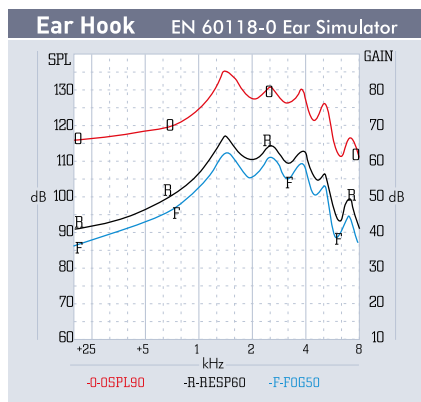
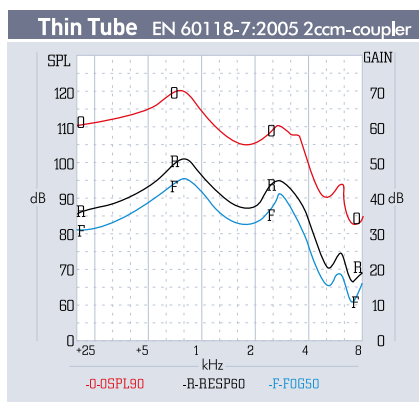
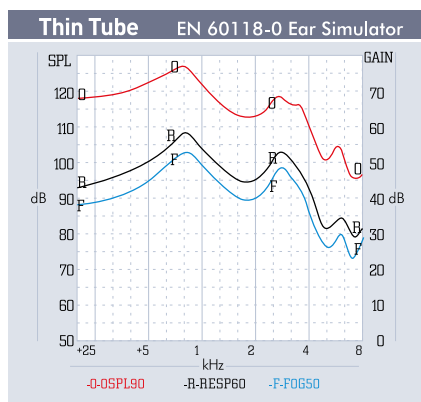
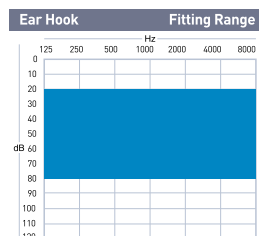
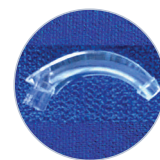
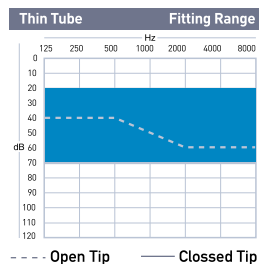
Smart U Series

BTE (Thin Tube/Ear Hook)

Technical Specifications		EN 60118-0 Ear Simulator		EN 60118-7:2005 2ccm-coupler	
Output (OSPL90)		Thin Tube	Ear Hook	Thin Tube	Ear Hook
Max	dB SPL	127	135	120	128
HFA Avg (1000,1600,2500 Hz)	dB SPL	117	128	110	121
Gain (FOG50)					
Max	dB	53	63	45	57
HFA Avg (1000,1600,2500 Hz)	dB	45	58	37	50
Reference Test Gain (Input 60 dB SPL)	dB	40	51	32	44
EQ Input Noise	dB SPL	26	23	26	23
Frequency Response (RESP60)					
Low Frequency Limit	Hz	100	100	100	100
High Frequency Limit	Hz	8000	8000	6200	7300
Total Harmonic Distortion					
500 Hz (Input 70 dB SPL)	%	0,3	1,4	0,2	1
800 Hz (Input 70 dB SPL)	%	0,1	1,2	0,1	0,9
1600 Hz (Input 65 dB SPL)	%	0,3	0,3	0,2	0,2
Telecoil Sensitivity (MASL)					
	dB SPL	41	55	34	50
Battery (1000 Hz / Input 65 dB)					
Battery Current	mA	1,36	1,33	1,32	1,33
Battery Life (Average)	Hour	117	120	121	120
Battery Type					
Operating Voltage		1.3	1.3	1.3	1.3
EQ Bands : 16		WDRC Channels : 8		Microphone : 2	
Number of Programs : 4		Number of Freq. Channels : 16		Volume Control: Multifunctional Button	



Smart U FO



Key Features:

- 40 Compression Application Parameters
- 16 Frequency Channels
- 24 kHz Sampling Frequency
- 8 MPO Limits
- 16 EQ Bands
- Up to 12 kHz Fitting Bandwidth*
- 4 Programs
- 8 WDRC Channels
- (T-FIS) Tinnitus Frequency Isolation System (Static)
- Environment Classification
- Noise Reduction
- FBC (Super FeedBack Canceller)
- Program Change Warning (Voice or Tone)
- Low Battery Warning (Voice or Tone)
- Volume Control
- Starting Program/Volume Memory
- Data Logging
- Activation Delay
- Fitting Formula Settings (NAL-NL2, DSL Adult/ Pediatrics)
- Frequency Channel and WDRC Channel Independent Adaptation

PERFORMANCE FEATURES

Extra safety and durability tests:

- Eartechnic hearing devices are reliable, durable and robust with its unique design.
- IEC 60068-2-64 (vibration)
- IEC 60068-2-31 (mechanical shocks)
- IEC 60068-2-14 (shock temperature changes)
- IP68 (IEC 60529) (dust, water and humidity)

* Bandwidth is available in Gain Adjustments in Fitting software.

Programming System

Cable : CS44 Program Cable (4 pin system)
Battery : Without Battery
Progr.-Box : Hi-Pro / Hi-Pro2 with USB
Software : EarTuning2

Programming Cable



HI-PRO2



* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain) * Technical datas are given in according to EN 60118-0 Ear Simulator (M2 coupler) / EN 60118-7:2005 2ccm-coupler values.
* The hearing aid's maximum output sound level can exceed 132 dB SPL. Selecting and fitting of the instrument can only be done by a specialist as there is a risk of impairing the residual hearing of the user.