

Smart E Series

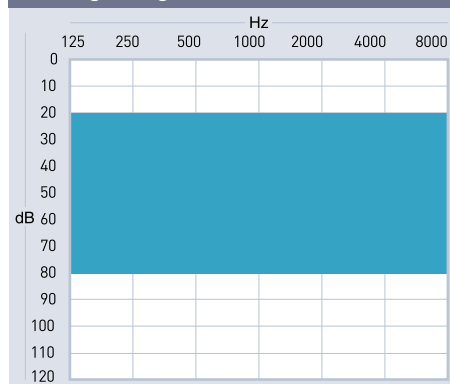
Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	118	110
HFA Avg (1000,1600,2500 Hz)	dB SPL	113	105
Gain (FOG50)			
Max	dB	54	45
HFA Avg (1000,1600,2500 Hz)	dB	43	36
Reference Test Gain (Input 60 dB SPL)	dB	36	28
EQ Input Noise	dB SPL	25	24
Frequency Response (RESP60)			
Low Frequency Limit	Hz	100	100
High Frequency Limit	Hz	8000	7900
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0,8	0,8
800 Hz (Input 70 dB SPL)	%	0,9	0,9
1600 Hz (Input 65 dB SPL)	%	1,2	1
Telecoil Sensitivity (MASL)		dB SPL	
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	1,17	1,17
Battery Life (Average)	Hour	77	77
Battery Type			10
Operating Voltage	V		1,3
EQ Bands			12
Number of programs			4
WDRC channels			6
Number of frequency channels			12
Microphone			1
Telecoil			-
Volume control			-

CIC

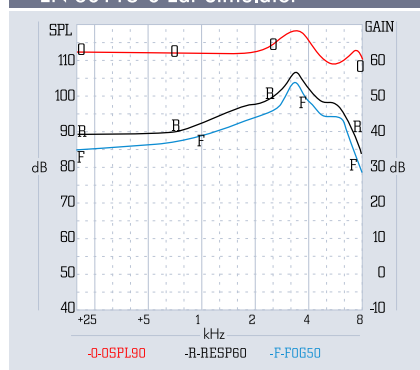
Smart E BOX



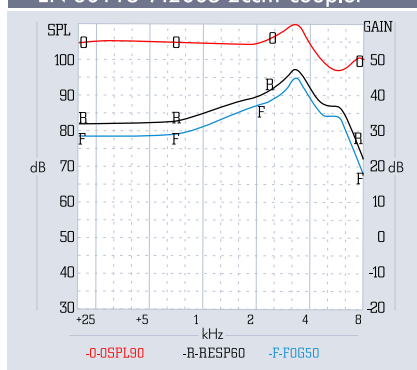
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler



Programming System

Cable : ITE cable 10 Batt./Right&Left
 Battery : Without Battery
 Progr.-Box : Hi-Pro / Hi-Pro2 with USB
 Software : EarTuning2

Programming Cable

HI-PRO2



Performance Features

Extra safety and durability tests:

- Eartech hearing devices are reliable, durable and robust with its unique design.
- CIC device is tested in according to 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)

Key Features:

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

* Bandwidth is available in Gain Adjustments in Fitting software.

* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain) * Technical datas are given in according to EN 60118-0 Ear Simulator (MZ 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.