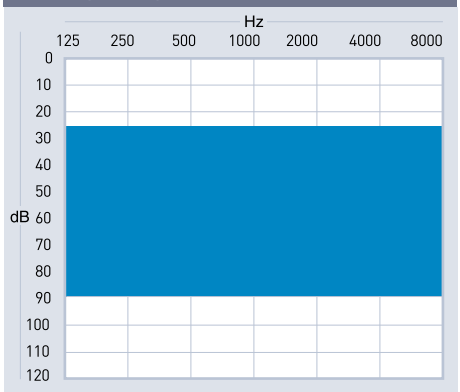
Smart U Series

Ultra CIC/Power

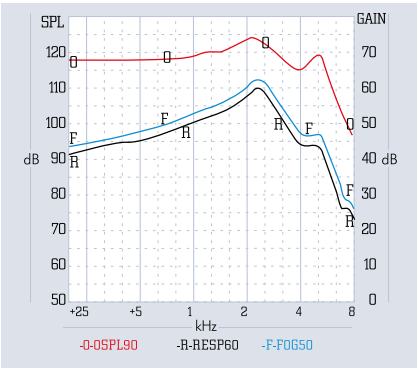
Smart U MicP

Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	124	116
HFA Avg (1000,1600,2500 Hz)	dB SPL	121	114
Gain (FOG50)			
Max	dB	62	54
HFA Avg (1000,1600,2500 Hz)	dB	56	48
Reference Test Gain (Input 60 dB SPL)	dB	44	36
EQ Input Noise	dB SPL	24	23
Frequency Response (RESP60)			
Low Frequency Limit	Hz	100	100
High Frequency Limit	Hz	6400	6100
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0,5	0,4
800 Hz (Input 70 dB SPL)	%	0,7	0,6
1600 Hz (Input 65 dB SPL)	%	0,3	0,2
Telecoil Sensitivity (MASL)	dB SPL		
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	1,23	1,22
Battery Life (Average)	Hour	73	74
Battery Type		10	
Operating Voltage	V	1,3	
EQ Bands		16	
Number of programs		4	
WDRC channels		8	
Number of frequency channels		16	
Microphone		1	
Telecoil		Optional	
Volume control		Multifunctional (Optional)	

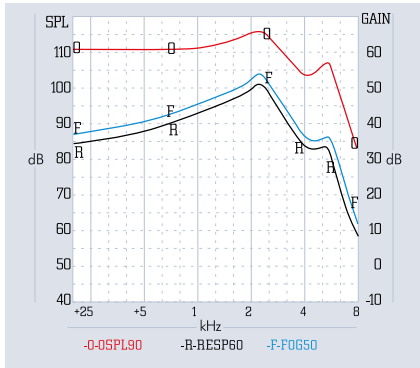
Fitting Range



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:

- Eartechnic 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)

Note: The tests are performed on the kit.

Key Features:

- 40 Compression Application Parameters
- 16 Frequency Channels
- 24 kHz Sampling Frequency
- 8 MPO Limits
- 16 EQ Bands
- Up to 12 kHz Fitting Bandwith*
- 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

* 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.

Ear-Technic GmbH, keeps the right to change the information in the technical catalogue.