

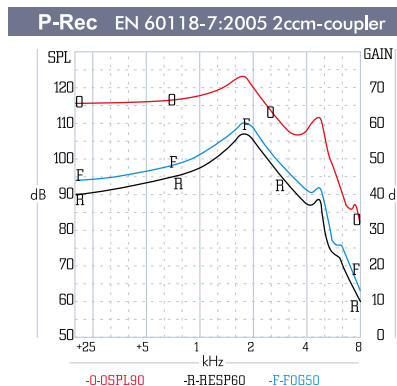
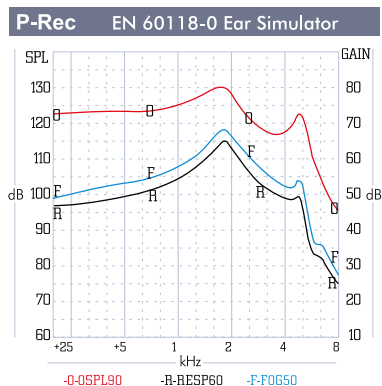
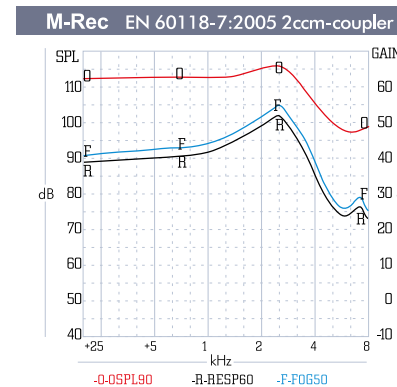
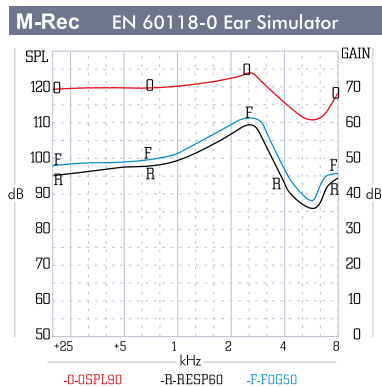
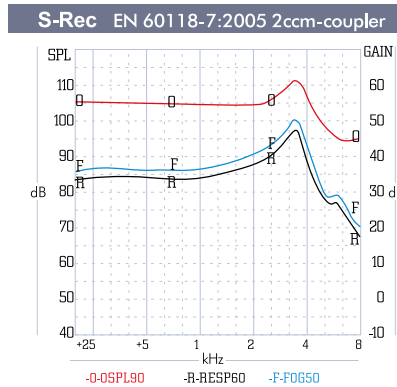
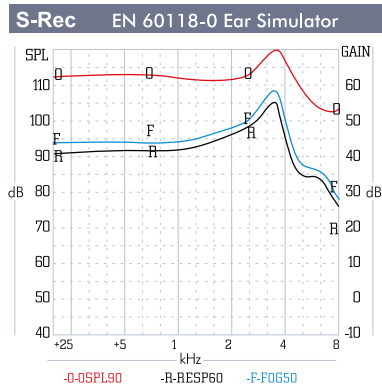
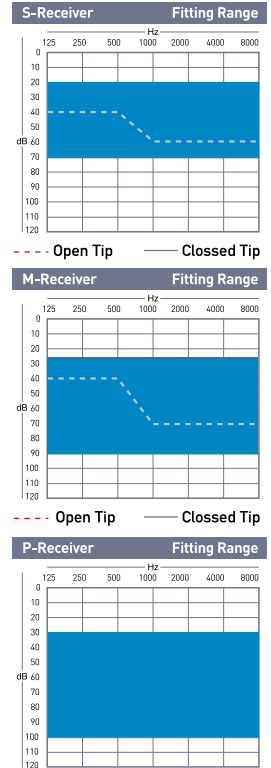
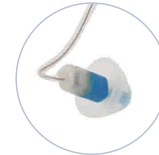


Smart U Series

OpenFit / RIC

Smart U RIC

Technical Specifications		EN 60118-0 Ear Simulator			EN 60118-7:2005 2ccm-coupler		
		S	M	P	S	M	P
Output (OSPL90)							
Max	dB SPL	120	124	130	111	116	123
HFA Avg (1000,1600,2500 Hz)	dB SPL	112	122	125	105	114	118
Gain (FOG50)							
Max	dB	59	62	68	50	55	60
HFA Avg (1000,1600,2500 Hz)	dB	47	57	60	39	50	54
Reference Test Gain (Input 60 dB SPL)	dB	35	45	48	27	37	40
EQ Input Noise	dB SPL	27	24	25	26	24	24
Frequency Response (RESP60)							
Low Frequency Limit	Hz	100	100	100	100	100	100
High Frequency Limit	Hz	8000	8000	5600	7300	7500	5300
Total Harmonic Distortion							
500 Hz (Input 70 dB SPL)	%	0,9	0,8	0,9	0,8	0,8	0,9
800 Hz (Input 70 dB SPL)	%	0,7	0,9	0,8	0,8	0,9	0,9
1600 Hz (Input 65 dB SPL)	%	0,7	0,5	0,2	0,5	0,4	0,2
Telecoil Sensitivity (MASL)	dB SPL	43	50	55	37	45	45
Battery (1000 Hz / Input 65 dB)							
Battery Current	mA	1,25	1,4	1,32	1,25	1,4	1,32
Battery Life (Average)	Hour	128	114	121	128	114	121



Battery Type	: 312	Number of Freq. Channels	: 16
Operating Voltage	: 1.3	Microphone	: 2
EQ Bands	: 16	Telecoil	: +
Number of Programs	: 4	Volume Control	: Multifunctional Button
WDRC Channels	: 8		

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:
- Ear-technic hearing devices are reliable, durable and robust with its unique design.
 - BTE 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)

* 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



* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain) * Technical data is given in accordance 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.