

## Smart Pr Series

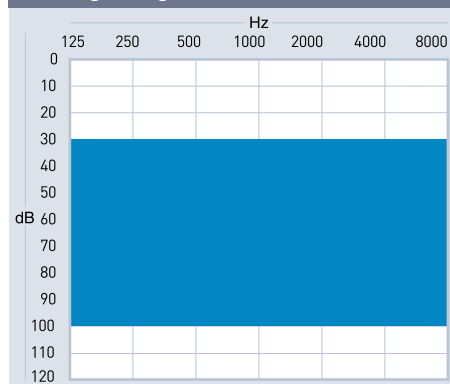
## BTE / Super Power

### Smart Pr SPn

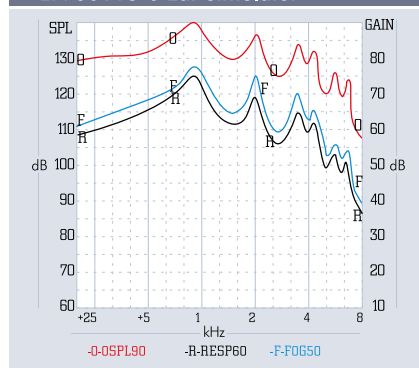
| Technical Specifications                     |        | EN 60118-0<br>Ear Simulator | EN 60118-7:2005<br>2ccm-coupler |
|----------------------------------------------|--------|-----------------------------|---------------------------------|
| <b>Output (OSPL90)</b>                       |        |                             |                                 |
| Max                                          | dB SPL | 140                         | 133                             |
| HFA Avg (1000,1600,2500 Hz)                  | dB SPL | 131                         | 124                             |
| <b>Gain (FOG50)</b>                          |        |                             |                                 |
| Max                                          | dB     | 78                          | 72                              |
| HFA Avg (1000,1600,2500 Hz)                  | dB     | 66                          | 58                              |
| <b>Reference Test Gain (Input 60 dB SPL)</b> |        | 54                          | 46                              |
| <b>EQ Input Noise</b>                        |        | 27                          | 27                              |
| <b>Frequency Response (RESP60)</b>           |        |                             |                                 |
| Low Frequency Limit                          | Hz     | 100                         | 100                             |
| High Frequency Limit                         | Hz     | 7300                        | 6900                            |
| <b>Total Harmonic Distortion</b>             |        |                             |                                 |
| 500 Hz (Input 70 dB SPL)                     | %      | 1,1                         | 1                               |
| 800 Hz (Input 70 dB SPL)                     | %      | 0,2                         | 0,4                             |
| 1600 Hz (Input 65 dB SPL)                    | %      | 0,4                         | 0,3                             |
| <b>Telecoil Sensitivity (MASL)</b>           |        | 62                          | 54                              |
| <b>Battery (1000 Hz / Input 65 dB)</b>       |        |                             |                                 |
| Battery Current                              | mA     | 1,78                        | 1,79                            |
| Battery Life (Average)                       | Hour   | 157                         | 156                             |
| <b>Battery Type</b>                          |        |                             | 13                              |
| <b>Operating Voltage</b>                     |        | V                           | 1,3                             |
| <b>EQ Bands</b>                              |        |                             | 24                              |
| <b>Number of programs</b>                    |        |                             | 6                               |
| <b>WDRC channels</b>                         |        |                             | 12                              |
| <b>Number of frequency channels</b>          |        |                             | 24                              |
| <b>Microphone</b>                            |        |                             | 2                               |
| <b>Telecoil</b>                              |        |                             | +                               |
| <b>Volume control</b>                        |        |                             | +                               |



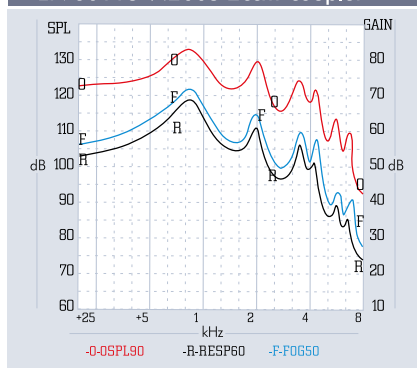
### Fitting Range



#### EN 60118-0 Ear Simulator



#### EN 60118-7:2005 2ccm-coupler

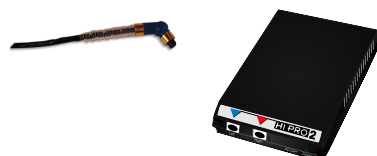


#### Programming System

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

Programming Cable

HI-PRO2



#### 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)

### Key Features:

- 60 Compression Application Parameters
- 24 Frequency Channels
- 24 kHz Sampling Frequency
- 12 MPO Limits
- 24 EQ Bands
- Up to 12 kHz Fitting Bandwidth\*
- 6 Programs
- 12 WDRC Channels
- (T-FIS)Tinnitus Frequency Isolation System (Static and Dynamic)
- 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.