Oticon Sensei SP is a super power BTE 13 instrument built on the Inium Sense platform delivering 139 dB SPL/78 dB full on gain (2cc) and Inium Sense feedback shield. Sensei SP is designed for children with severe to profound hearing loss with features designed to address their fundamental development needs and meet child safety and reliability standards.

Sensei SP features a unique combined approach to signal processing: Speech Rescue™ performing precise frequency composition to ensure full access to high frequency sounds while Speech Guard E's advanced adaptive compression preserves the important speech details.

Speech Rescue™
Oticon’s innovative frequency composition technology, Speech Rescue, increases speech understanding by rescuing speech cues that would otherwise be lost. Speech Rescue repositions the high frequency energy in the available midfrequency space without disturbing the mid frequencies. In this way, it is possible to turn down the inaudible high frequency gain or to give the patient the complete bandwidth of amplification even when Speech Rescue is on.

Speech Guard E
Speech Guard E in Oticon Sensei SP Pro is the amplitude compression system combining two methods of amplification: non linear and linear in a single compression system that helps preserve the fine details of sound - from soft to loud - making sounds audible, comfortable and clear. This compression system guards the dynamic contrasts within the entire signal to let the rescued high frequency speech sounds appear clear.

Safe, reliable and robust
For children under the age of 3, Sensei SP is supplied with tamper resistant battery doors to maximize safety and meet legal requirements. The shell of Sensei SP is biocompatible and phthalate-free as well as being nanocoated. Sensei SP is IP58 classified, to deliver resistance to moisture, sweat and humidity.

Inium Sense feedback shield
Inium Sense feedback shield ensures that feedback is controlled in the frequency regions where the risk of feedback is highest. It is specifically adapted to severe and profound hearing losses, supporting Speech Rescue and an extended Super Power bandwidth.

Family Features
- Speech Guard E
- Speech Rescue™
- Inium Sense feedback shield
- EasyRECD™
- VoicePriority™
- Fitting Bandwidth 6.5 kHz*
- Free Focus Directionality
- TriState Noise Management
- Wind noise protection
- Binaural Synchronization
- Binaural PB Coordination
- LED status indicator
- Analog volume wheel with mute
- Program button with mute
- ConnectLine and remote control
- Bimodal fitting support
- Datalogging
- DSL v5.Dam[Uo], NAL-NL2, NAL-NL1, NAL-RP and DSE
- 16 frequency channels
- Back dir
- T-coil
- FM and DAI input option
- FM compatibility filter
- FM super silences
- IP58 classification: dust and water resistant
- Hypo-allergenic

* Bandwidth accessible for gain adjustments during fitting.
**PRODUCT OVERVIEW**

<table>
<thead>
<tr>
<th>Features</th>
<th>Sensei SP Pro</th>
<th>Sensei SP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fitting formulas</td>
<td>DSL/NAL/GSE</td>
<td>DSL/NAL/GSE</td>
</tr>
<tr>
<td>Speech Rescue™</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Speech Guard E</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Single compression</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Binaural Synchronization (automatic)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Binaural Coordination (PB operations)</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Noise Management</td>
<td>TriState</td>
<td>TriState</td>
</tr>
<tr>
<td>Inium Sense feedback shield™</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Data Logging</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Free Focus Directionality</td>
<td>Premium</td>
<td>Essential</td>
</tr>
<tr>
<td>Back dir</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Voice Priority ™</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>SmartFit™ Trainer</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>LED status indicator</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Music program</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Easy REC™</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Fitting Bands</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>Power Bass</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Music Widening</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**OPTIONS AND ACCESSORIES**

- Tamper resistant battery drawer: Available in all colors
- Sound Hook: Interchangeable standard and pediatric hook
- Damper: Damping element for replacement
- DAI Adaptor: AP 900
- Dedicated FM Receiver: Amigo R12 (available in all colors)
- Universal FM receiver: Amigo R2, (FM9/FM adaptor) Streamer Pro with R2
- Neckloop FM receiver: Amigo Arc
- Amigo FM Transmitters: T5, T30, T31

**FITTING**

Oticon Sensei SP Instruments are programmed using the Genie Pediatric Fitting Mode 2015.2 fitting software or higher compatible with NOAH 9 or higher.

Wireless fitting - FittingLINK
FittingLINK provides a wireless link (Bluetooth) between the PC and one or two wireless enabled hearing instruments. In addition FittingLINK can be used via a USB cable connected to the PC.

Cabled fitting
Use programming cable #3.

**CONDITIONS**

- Operating conditions:
  - Temperature: +33°F to +104°F. Relative humidity: 5% to 93%, non-condensing
  - Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage:
    - Temperature: +13°F to +140°F. Relative humidity: 5% to 93%, non-condensing

- Storage and transportation conditions:
  - Equivalent input noise level (A) Omni: 19 dB SPL
  - Equivalent input noise level (A) Typical: 1.3 mA

**TECHNICAL INFORMATION**

Omnidirectional mode is used unless otherwise stated.

Warning to the instrument dispenser
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

**OPTIONS AND ACCESSORIES**

- Wireless fitting - FittingLINK
  - Available in all colors
- Battery dispenser: Tamper resistant battery drawer
- Adaptor: DAI Adaptor
- Telecoil output (1600 Hz): 1 mA/m field
- Total harmonic distortion: 2.0% at 1600 Hz
- Equivalent input noise level: 19 dB SPL
- Battery consumption: 1.2 mA
- Battery life, calculated: 246 hours
- Battery life, actual: 80-175 hours
- IRL (IEC 60118-11): 246 hours

**FREQUENCY RESPONSE**

- Frequency range: 100-6500 Hz
- SPLITS L/R: 2.0% at 1600 Hz
- Total harmonic distortion: 2.0% at 1600 Hz
- Equivalent input noise level (A): 19 dB SPL
- Battery consumption: 1.2 mA

**EQUIVALENT INPUT NOISE LEVEL**

- Frequency range: 100-6500 Hz
- SPLITS L/R: 2.0% at 1600 Hz
- Total harmonic distortion: 2.0% at 1600 Hz
- Equivalent input noise level (A): 19 dB SPL
- Battery consumption: 1.2 mA

**BATTERY LIFE**

- Battery life, calculated: 246 hours
- Battery life, actual: 80-175 hours
- IRL (IEC 60118-13): N/A

*Based on the standardised battery consumption measurement (IEC 60118-1). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.*
Oticon Sensei SP is a super power BTE 13 instrument built on the Inium Sense platform delivering 139 dB SPL/78 dB full on gain (2cc) and Inium Sense feedback shield. Sensei SP is designed for children with severe to profound hearing loss with features designed to address their fundamental development needs and meet child safety and reliability standards.

Sensei SP features a unique combined approach to signal processing: Speech Rescue™ performing precise frequency composition to ensure full access to high frequency sounds while Speech Guard E’s advanced adaptive compression preserves the important speech details.

Speech Rescue™
Oticon’s innovative frequency composition technology, Speech Rescue, increases speech understanding by rescuing speech cues that would otherwise be lost. Speech Rescue repositions the high frequency energy in the available mid-frequency space without disturbing the mid frequencies. In this way, it is possible to turn down the inaudible high frequency gain or to give the patient the complete bandwidth of amplification even when Speech Rescue is on.

Speech Guard E
Speech Guard E in Oticon Sensei SP Pro is the amplitude compression system combining two methods of amplification: non-linear and linear in a single compression system that helps preserve the fine details of sound – from soft to loud - making sounds audible, comfortable and clear. This compression system guards the dynamic contrasts within the entire signal to let the rescued high frequency speech sounds appear clear.

Safe, reliable and robust
For children under the age of 3, Sensei SP is supplied with tamper resistant battery doors to maximize safety and meet legal requirements.

The shell of Sensei SP is biocompatible and phthalate-free as well as being nano-coated. Sensei SP is IP58 classified, to deliver resistance to moisture, sweat and humidity.

Inium Sense feedback shield
Inium Sense feedback shield ensures that feedback is controlled in the frequency regions where the risk of feedback is highest. It is specifically adapted to severe and profound hearing losses, supporting Speech Rescue and an extended Super Power bandwidth.

Family Features
- Speech Guard E
- Speech Rescue™
- Inium Sense feedback shield
- EasyREC™
- VoicePriority™
- Fitting Bandwidth 6.5 kHz*
- Free Focus Directionality
- TriState Noise Management
- Wind noise protection
- Binaural Synchronization
- Binaural PB Coordination
- LED status indicator
- Analog volume wheel with mute
- Program button with mute
- ConnectLine and remote control
- Bimodal fitting support
- Datalogging
- DSL vs. Narrowband, NAL-NL2, NAL-NL1, NAL-RP and DSE
- 16 frequency channels
- Back dir
- T-coil
- FM and DAI input option
- FM compatibility filter
- FM super silences
- IP58 classification: dust and water resistant
- Hypo-allergenic

* Bandwidth accessible for gain adjustments during fitting

Our paediatric audiological mission is to ensure a better future for every child with hearing loss. We will deliver solutions, tools and technologies that optimise auditory and cognitive habilitation, embrace the complexities of growing up with hearing loss and ensure you're able to adapt solutions to each child's developmental stage on their journey to adulthood.