OPUS 2
World’s Smallest and Lightest Audio Processor
Now extra small for all. The XS Battery Pack makes the OPUS 2 the world’s smallest and lightest audio processor.

The next generation of FineHearing Technology provides an even more detailed hearing experience.

Automatic Sound Management ensures optimal hearing in changing and challenging listening situations—all without requiring the user to make program adjustments.

Small, easy-to-use FineTuner remote control.

Multiple wearing options for all age groups and lifestyles.

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**Key Features**

<table>
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<th>Device</th>
<th>MED-EL OPUS 2</th>
<th>Competitor 1</th>
<th>Competitor 2</th>
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<td>Performance in %</td>
<td>Up to 30% better performance in noise than other tested systems</td>
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**DaCapo rechargeable battery system**

**Standard Battery Pack**

**XS Battery Pack**
Additional Hardware/Software Required
- MED-EL cochlear implant: CONCERTO, SONATA, PULSAR, C40+, C40
- Diagnostic Interface Box II (DIB II)
- MAESTRO System Software

External Devices
- Integrated telecoil for wireless access to Assistive Listening Devices (ALDs)
- Standard input for ALDs: FM Battery Pack Cover (for Standard Battery Pack and DaCapo System) and Mini Battery Pack allow direct connection of ALDs and other external equipment, e.g., FM systems, MP3 players.

Battery Life (with D Coil)
- Standard Battery Pack: Up to 90 hours of use with a set of 3 zinc-air batteries (type 675)
- New XS Battery Pack: Up to 60 hours of use with a set of 2 zinc-air batteries (type 675)
- DaCapo: rechargeable battery system provides a full day of use (16 hours)
- New Mini Battery Pack: 35 hours with a single AAA battery

Wearing Options – One System Fits All
- New XS Battery Pack
- Standard Battery Pack
- DaCapo rechargeable battery system
- Children’s Battery Pack
- BabyBTE/ActiveWear configuration
- New Mini Battery Pack

Sound Coding Strategies
MAESTRO System Software supports:
- FS4 (Fine Structure Processing up to 1 kHz on 4 apical channels)
- FS4-p (Fine Structure Processing up to 1 kHz on 4 apical channels with Intelligent Parallel Stimulation for even higher temporal accuracy)
- FSP (Fine Structure Processing typically up to 350 Hz on 2 apical channels)
- HD-CIS (High Definition CIS)

Future Compatibility
- Designed for compatibility with upcoming sound coding strategies.

Technical Data
OPUS 2 Audio Processor for the MAESTRO® CI System

The OPUS 2 is part of the MAESTRO Cochlear Implant System featuring:
- CONCERTO, the world’s smallest titanium CI.
- The largest variety of electrode arrays for every cochlear anatomy.
- MAESTRO System Software ensures efficient fitting.
Additional Product Features
– Automatic Sound Management (ASM) including Input Dynamic Range of 75 dB and programmable Dual-loop Automatic Gain Control
– Supports 250 spectral bands
– State-of-the-art electronics supporting the latest generation of sound coding strategies
– SoundGuard protection from electrostatic discharge

FineTuner
– Easy-to-use menu settings
– User-friendly: dedicated buttons for each function
– Four program positions, continuously adjustable volume
– Only one remote control for bilateral use

Weight
– OPUS 2 with XS Battery Pack and batteries: 9.4 g
– OPUS 2 with DaCapo rechargeable battery system: 10.1 g
– OPUS 2 with Standard Battery Pack and batteries: 12.4 g

Dimensions OPUS 2XS

Colour Options

medel.com

1 Haumann et al. (2010), ORL 2010;72:312-318.
Calculated from Haumann et al. (2010) using the psychometric function from Schmidt et al. (1997).
For more information please refer to www.medel.com