

MED-EL provides options:

PULSAR_{CI}¹⁰⁰ and SONATA_{TI}¹⁰⁰ Cochlear Implants

Same powerful I¹⁰⁰ electronics –
choice of two housing designs

PULSAR_{CI}¹⁰⁰ and SONATA_{TI}¹⁰⁰ Common Features

- Same I¹⁰⁰ electronics, no differences in patient performance
 - ∴ 24 independent current sources for 12 channels
 - ∴ 100% on-chip design with a powerful and sophisticated ASIC chip providing exceptional power efficiency
- Compatible with the TEMPO+¹ and OPUS speech processors
 - ∴ Support of High Definition CIS (HD-CIS)
 - ∴ Support of Fine Structure Processing (FSP)
- Ready for future technological upgrades
 - ∴ Channel Interaction Compensation (CIC)²
- Wide variety of electrode options to accommodate individual surgical needs
- MRI safe (0.2T), no surgery required for magnet removal
- Strong housings with equivalent mechanical strength against accident related impact
- Various telemetry capabilities
 - ∴ Status Telemetry
 - ∴ Impedance and Field Telemetry
 - ∴ Auditory Nerve Response Telemetry (ART™)
- Various safety features
 - ∴ Output capacitor for each channel
 - ∴ Unique implant ID



PULSAR_{CI}¹⁰⁰
Ceramic Cochlear Implant



SONATA_{TI}¹⁰⁰
Titanium Cochlear Implant

PULSAR_{CI}¹⁰⁰

- ∴ Proven ceramic housing
- ∴ TÜV and FDA approved
- ∴ Smallest footprint and thinnest implant available
- ∴ Long-term success with ceramic implants since 1989
- ∴ Proven experience with thinfilm manufacturing since 2002

SONATA_{TI}¹⁰⁰

- ∴ Compact titanium housing
- ∴ TÜV and FDA approved
- ∴ Smallest footprint, smallest volume and lightest titanium implant available
- ∴ Alternate surgical approach

¹ The TEMPO+ speech processor supports the CIS+ speech coding strategy only

² Future accessibility dependent on system implementation and regulatory clearance

The Hearing Implant Company

COCHLEAR IMPLANTS ∴ MIDDLE-EAR IMPLANTS

www.medel.com



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