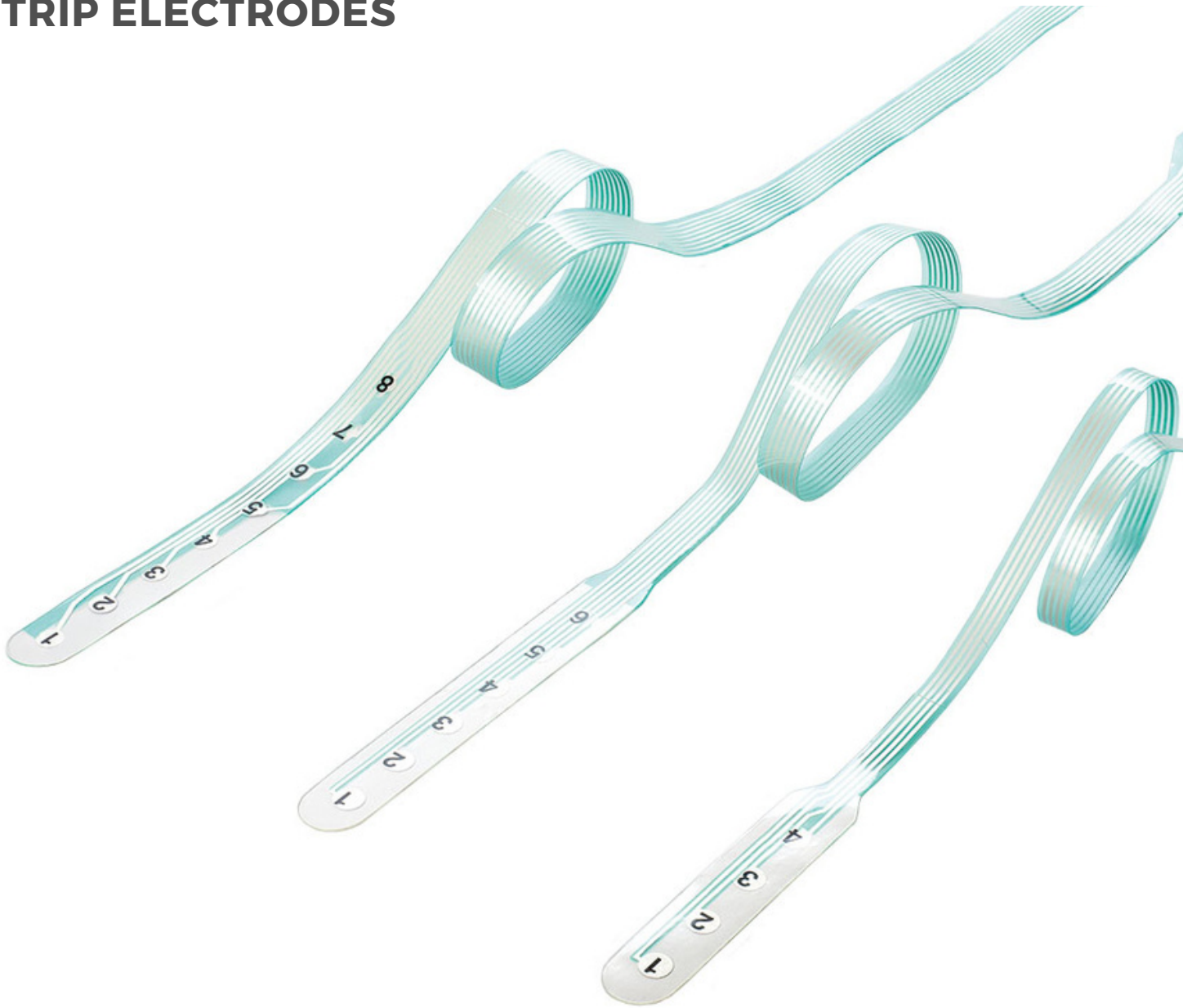


MULTILAYER CORTICAL ELECTRODE

CEREBRO

STRIP ELECTRODES



**BY YOUR SIDE TO
CO-CREATE NEW SOLUTIONS FOR
NEURODIAGNOSTICS**

Intracranial surface electrodes or subdural cortical electrodes, **Cerebro**, are used for **stimulation** and **recording** of **central nervous system signals**. Intracranial monitoring is used to **identify and map functional areas of the brain** during **pre-** and **post-surgical** phases and during surgical removal of brain tumors.

The surface of the intracranial electrodes are **multipolar arrays of electrodes** positioned on the **cerebral cortex** and can be used to stimulate or record.

The electrode is designed to **follow the complex anatomy of the brain**. The electrode can assume **different conformations** in relation to the demands of clinical needs. The electrode is in **pure platinum** to present the right impedance for the **best recording and stimulation**.

Key Points:

- ✓ **Patented technology**
- ✓ Flexible Material perfect for anatomical needs of the brain
- ✓ Platinum electrode
- ✓ **Optimal thickness** for contact area to improve the clinical usability during the insertion under the skull
- ✓ Twisted cables for **low noise**

PRODUCT SPECIFICATION

MATERIALS

- ELECTRODE
- SUPPORT
- LEAD WIRE
- CONNECTOR
- PRIMARY PACKAGING

Platinum
PU
Cu/Sn with PVC jacket
CuZn/Ni with PVC jacket
Medical Paper/PET

SAFETY

- **BIOCOMPATIBILITY (UNI EN ISO 10993)**
- **LATEX**
- **PHTHALATES**
- **STERILIZATION METHOD**
- **PRODUCT TRACEABILITY**

Yes

No

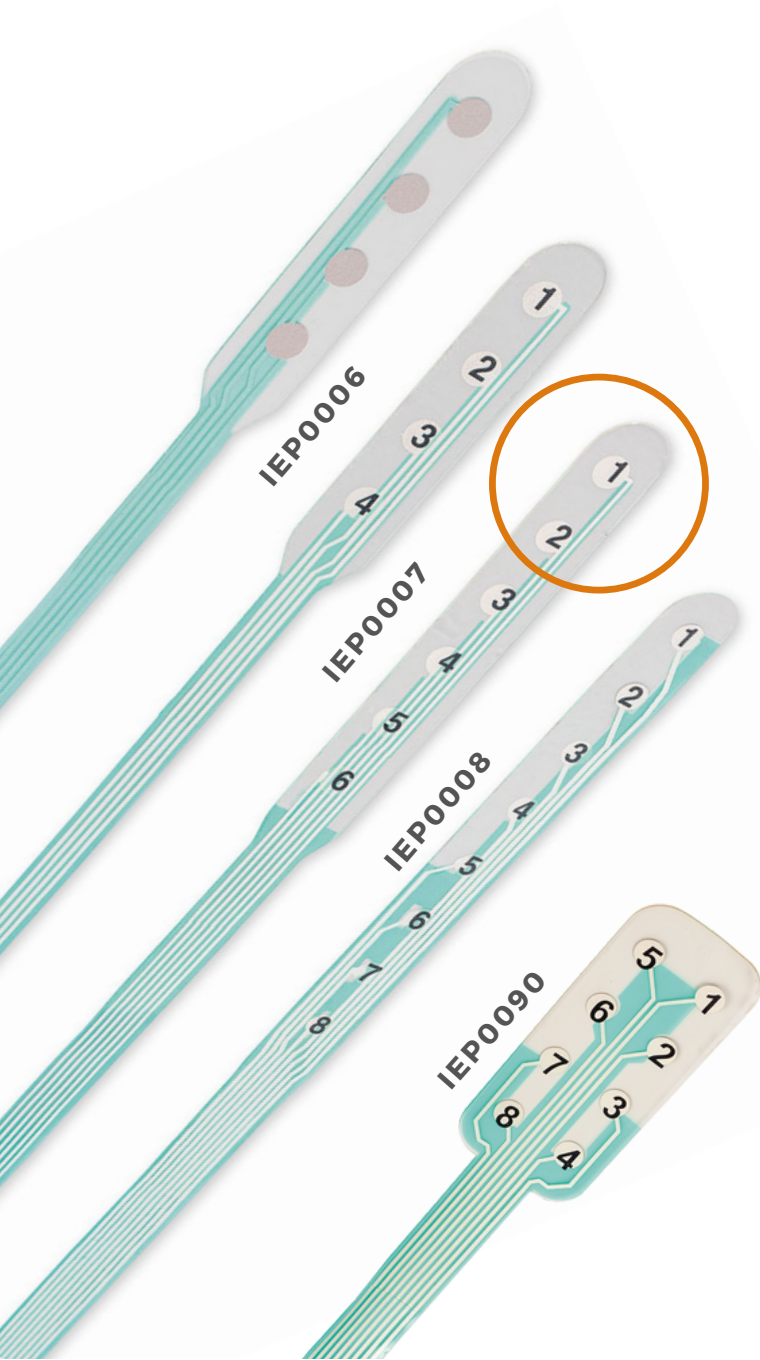
No

Ethylene Oxide (EtO)

Indicated in the n° of lotto

ENVIRONMENT

- **RoHS II**
- **REACH**



Electrode diameter:

4 mm

Distance between electrodes:

10 mm

Number of electrodes:

SINGLE STRIP: 2, 4, 6, 8

GRID: 8 (2X4), 12 (2X6), 16 (2X8; 4X4), 20 (2X10), 32 (4X8), 64 (8X8)

Cable length:

250 cm

Connector Touch proof 1,5 mm DIN 42802



UMDNS 11453



CODE	DESCRIPTION	DIAMETRO ELETTRODO	PACK
IEP0005	2 contacts strip	4 mm	1 pc
IEP0006	4 contacts strip	4 mm	1 pc
IEP0007	6 contacts strip	4 mm	1 pc
IEP0008	8 contacts strip	4 mm	1 pc
IEP0011	12 contacts grid (2x6)	2 mm	1 pc
IEP0090	8 contacts grid (2x4)	4 mm	1 pc
IEP0039	20 contacts grid (4x5)	2 mm	1 pc
IEP0129	4 contacts strip flower shape	4 mm	1 pc
IEP0136	2 contacts T strip	4 mm	1 pc
IEP0137	4 contacts T strip	4 mm	1 pc



Connector Touch proof 1,5 mm DIN 42802