

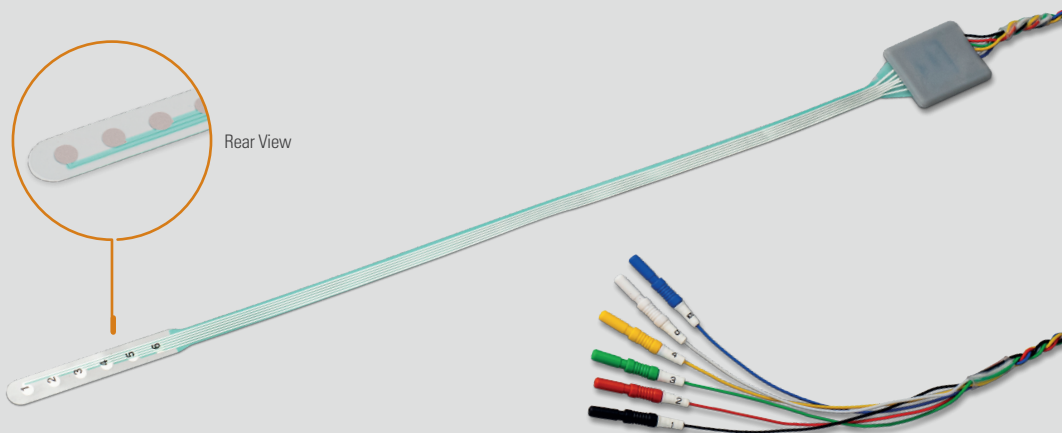


Cerebro

Multilayer Cortical and Spinal Electrode

Cerebro strip is developed by an innovative, patented technology that allows the electrode to be flexible and gives it the ability to adapt seamlessly to the cortex anatomy. The electrode is in pure platinum to present the right impedance for the best recording and stimulation.





Cerebro

Clinical Point of View

Intracranial surface electrodes or the subdural cortical Cortical electrodes 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 (**GRID** or **STRIP**) 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

- Flexible Material perfect for anatomical needs of the brain
- From 0,2 to 0,5 mm thickness
- Greater thickness for contact area to improve the clinical usability during the insertion under the skull
- Twisted cables
- Production flexibility

Tech Data Sheet

Code: IEP0006	Platinum STRIP electrode - 1 x 4 - 4mm Ø - TP connector
Code: IEP0007	Platinum STRIP electrode - 1 x 6 - 4mm Ø - TP connector
Code: IEP0008	Platinum STRIP electrode - 1 x 8 - 4mm Ø - TP connector
Number of contact	Single strip: 4, 6, 8
Contact diameter	4mm
Cable lenght	250cm
Connector	Touch Proof 1,5mm DIN 42802
Electrode	Platinum
Support	PU
Lead Wire	Cu/Sn with PVC Jacket
Connector	CuZn/Ni with PVC jacket
Packaging	Medical Paper/PET