

# MICRODEEP®

## SEEG ELECTRODES

For SEEG exploration, functional mapping and thermocoagulation of epileptic foci.

Multi-contact flexi-rigid intracerebral electrode, with a diameter of 0.8 mm.

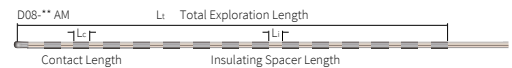


### MICRODEEP®

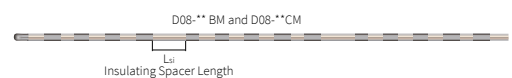
Class III, CE mark issued by GMED 0459  
Single-use sterile material

- Diameter 0.8 mm
- Platinum / Iridium
- Total length: 100 cm
- From 5 to 18 contacts
- Active exploration length ranges from 16 mm to 80.5 mm
- Specific stereotactic instruments provide accurate MICRODEEP® electrode positioning
- A proprietary cap designed to prevent the electrode from moving, to ensure a good seal, and to serve as a depth maker
- Connection cables CBL
- Suitable for thermocoagulation. Please contact your local representative for more information on thermocoagulation.

Reference	Nr of contacts	Dimensions (mm)		
		L <sub>t</sub>	L <sub>c</sub>	L <sub>i</sub>
D08-05AM	5	16	2	1.5
D08-08AM	8	26.5	2	1.5
D08-10AM	10	33.5	2	1.5
D08-12AM	12	40.5	2	1.5
D08-15AM	15	51	2	1.5
D08-18AM	18	61.5	2	1.5

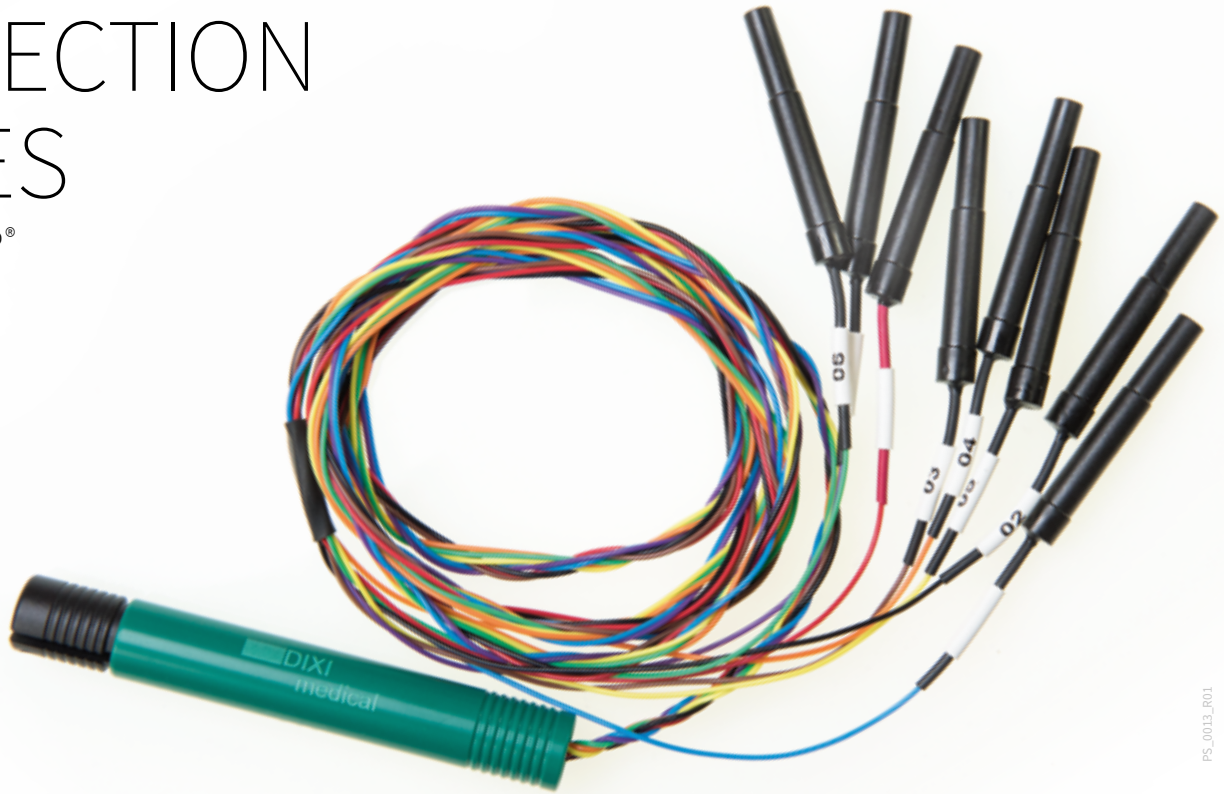


Reference	Nr of contacts	Dimensions (mm)			
		L <sub>t</sub>	L <sub>c</sub>	L <sub>i</sub>	L <sub>ei</sub>
D08-15BM	15 (3x5)	62	2	1.5	7
D08-15CM	15 (3x5)	70	2	1.5	11
D08-18CM	18 (3x6)	80.5	2	1.5	11



# CONNECTION CABLES

for MICRODEEP®



PS\_0013\_001

## Connection Cables CBL

Class I, CE mark  
Delivered Non-sterile

- Suitable for the connection of MICRODEEP® electrodes 5 to 18 contacts

Microdeep® Electrodes	Reference
D08-05AM	CBL-05/180
D08-08AM	CBL-08/180
D08-10AM	CBL-10/180
D08-12AM	CBL-12/180
D08-15AM	CBL-15/180
D08-15BM	CBL-15/180
D08-15CM	CBL-15/180
D08-18AM	CBL-18/180
D08-18CM	CBL-18/180



\*Lengths 45, 120, and 150 cm are available for special orders.

# SINGLE-USE INSTRUMENTS

suitable for the stereotactic guiding system  $\varnothing$  2.5 mm

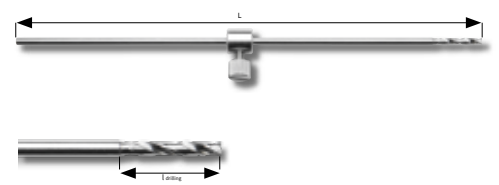
## Drill Bit and Stop

Class III, CE mark issued by GMED 0459  
Single-use sterile material

- Drill bit to perforate the skull with suitable diameter for the use of a guiding screw
- Single stop to control the depth of the drill bit (can be sold separately, autoclavable)

Reference  
**KIP-ACS-510**  
L (mm) 140  
I drilling (mm) 14

Reference  
**KIP-ACS-515**  
L (mm) 200  
I drilling (mm) 20



## Coagulation Electrodes and Stop

Class III, CE mark issued by GMED 0459  
Single-use sterile material

- Coagulation electrode with a round tip to coagulate the skin<sup>1</sup>
- Coagulation electrode with a sharp tip to open the dura mater<sup>2</sup>
- Supplied with a stop to control the insertion depth of the coagulation electrode

Reference  
**KIP-ACS-605**  
For the **Skin**

Reference  
**KIP-ACS-600**  
For the **Dura mater**



## Guiding Screws

Class III, CE mark issued by GMED 0459  
Single-use sterile material

- Intended to be fixed into the bone through the skin.
- Self-tapping tip allowing a direct fixing into a hole  $\varnothing$  2.1 mm
- Individually packed, delivered per box of 10

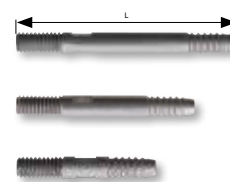
Guiding Screws  
**ACS-01SSMS-10** L (mm) 15

Guiding Screws  
**ACS-02SSMS-10** L (mm) 20

Guiding Screws  
**ACS-02SSMS-10** L (mm) 25

Guiding Screws  
**ACS-03SSMS-10** L (mm) 30

Guiding Screws  
**ACS-03SSMS-10** L (mm) 35



## Caps for Guiding Screws

Class I, CE mark issued by GMED 0459  
Single-use sterile material

- Used to obstruct the guiding screws before the placement of a MICRODEEP® electrode
- Individually packed, delivered per box of 5

Caps  
**ACS-050S-5**



## Stylet

Class III, CE mark issued by GMED 0459  
Single-use sterile material

- Used to preform the path of the electrode
- Adjustable stop integrated in the stylet
- Individually packed, delivered per box of 10

Stylet  
**ACS-770S-10**



# REUSABLE INSTRUMENTS

suitable for the stereotactic guiding system  $\varnothing$  2.5 mm

## Bone Starter

Class I, CE mark  
Delivered Non-sterile, autoclavable

- Used to prime the skin and the skull before drilling

Reference  
ACS-745



## Marking Rod & Stop

Class I, CE mark  
Delivered Non-sterile, autoclavable

- Used to define the appropriate distance between the stereotactic guide and the top of the guiding screw<sup>1</sup>

Reference  
ACS-740



## Screwdrivers

Class I, CE mark  
Delivered Non-sterile, autoclavable

- Long screwdriver used for the placement of the guiding screw<sup>1</sup>
- Screwdriver for single stop to adjust the tightening<sup>2</sup>

Reference  
ACS-710

Reference  
ACS-714



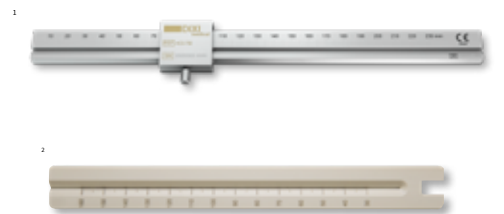
## Sliding Ruler

Class Im, CE mark issued by GMED 0459  
Delivered Non-sterile, autoclavable

- Sliding ruler to measure the depth of accessories (Drill, Coagulation electrodes and Marking rod)<sup>1</sup>
- Depth report device to adjust the depth of the MICRODEEP® electrode and stylet<sup>2</sup>

Reference  
ACS-750

Reference  
ACS-751



## Wrench and Screwdriver for the removal of Guiding Screws

Class I, CE mark  
Delivered Non-sterile, autoclavable

- Short screwdriver and wrench to be used without a guide when removing the guiding screws
- Wrench to be used to loosen the guiding screws<sup>1</sup>
- Short screwdriver to finish the removal of the guiding screws<sup>2</sup>

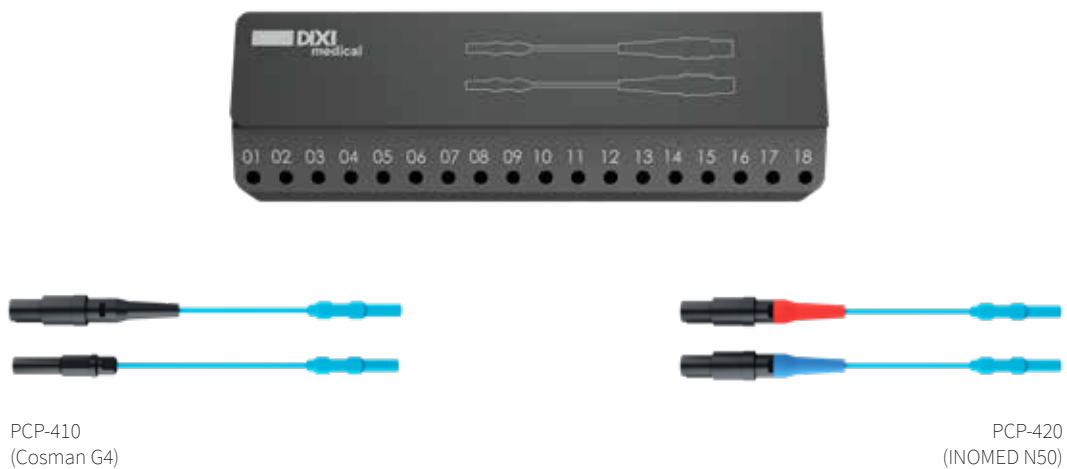
Reference  
ACS-715

Reference  
ACS-711



# THERMOCOAGULATION

## WITH DIXI MEDICAL MICRODEEP® ELECTRODES



The MICRODEEP® SEEG electrode can be used for thermocoagulation. DIXI medical's PCP-4\*0 interface cables support two radio frequency generators: Cosman G4, and INOMED N50\*.

### Interface cables PCP-4\*0

The interface cables for use in thermocoagulation with the Microdeep® SEEG electrodes are intended to connect the electrode to a compatible RF generator in order to perform a thermal lesion between two consecutive contacts.

The PCP-4\*0 interface cables come with a preparation box and must be used with a CBL cable.

For more information on the connection, scan the QR code below.

### INTERFACES

The PCP-4\*0 can be connected to two generators:

- Cosman G4 (PCP-410)
- INOMED N50 (PCP-420)



SCAN  
TO WATCH  
THE VIDEO

\*Thermocoagulation can also be performed with the INOMED LG2-SEEG system. Please contact your INOMED representative to learn more.

CHECK THE AVAILABILITY OF THERMOCOAGULATION WITH YOUR LOCAL REPRESENTATIVE.