

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.



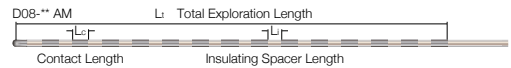
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MICRODEEP®

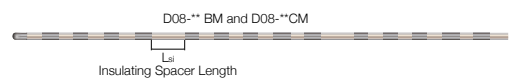
Class III, CE mark issued by GMED 0459
Single-use sterile material

- 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 _t	L _c	L _i
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 _t	L _c	L _i	L _j
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_0001_P00

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

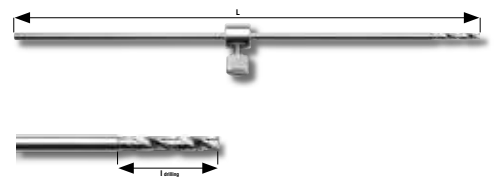
Drill Bit and Stop

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 skin¹
- Coagulation electrode with a sharp tip to open the dura mater²
- 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

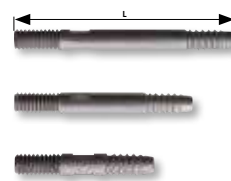


Guiding Screws

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-015SMS-10 L (mm) 15
Guiding Screws
ACS-020SMS-10 L (mm) 20
Guiding Screws
ACS-025SMS-10 L (mm) 25
Guiding Screws
ACS-030SMS-10 L (mm) 30
Guiding Screws
ACS-035SMS-10 L (mm) 35



Caps for Guiding Screws

Class Is, 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

Class I, CE mark
Delivered Non-sterile, autoclavable

- Used to define the appropriate distance between the stereotactic guide and the top of the guiding screw¹
- Single stop ACS-760 (sold separately, autoclavable)²

¹Reference
ACS-740

²Reference
ACS-760



Screwdrivers

Class I, CE mark
Delivered Non-sterile, autoclavable

- Long screwdriver used for the placement of the guiding screw¹
- Screwdriver for single stop to adjust the tightening²

¹Reference
ACS-710

²Reference
ACS-714



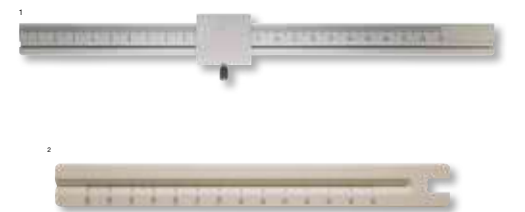
Sliding Ruler

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)¹
- Depth report device to adjust the depth of the MICRODEEP® electrode and stylet²

¹Reference
ACS-750

²Reference
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 screws¹
- Short screwdriver to finish the removal of the guiding

¹Reference
ACS-715

²Reference
ACS-711



THERMOCOAGULATION

WITH DIXI MEDICAL MICRODEEP® ELECTRODES



The MICRODEEP® SEEG electrodes can be used for thermocoagulation.

DIXI medical's selector box supports two radio frequency generators: Cosman G4, and INOMED N50.*

Selector Box BST-020

The selector box for use in thermocoagulation with Microdeep® intracerebral electrodes is intended to connect the electrode to an RF generator in order to perform a thermal lesion between two consecutive contacts.

Located at the back of the selector are output connections to connect the selector to the RF generator using a particular interface and to the Microdeep® SEEG electrode using a DIXI medical standard type PCP-18/90 extension cable.

INTERFACES

The selector box can be connected to two generators:

- Inomed N50 (BST-103)
- Cosman G4 (BST-105)

EXTENSION CABLES

- PCP-18/90 (90 cm end to end)

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