

Precision Masterpiece for MER ***for Target Point Localisation and Test Stimulation***

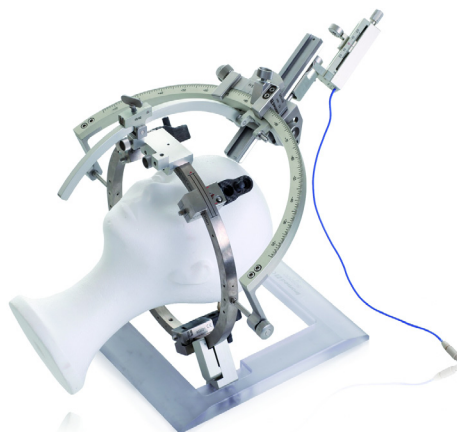


MicroDrive
Micro Electrode Recording
and Deep Brain Stimulation

High precision positioning of electrodes for target point localisation during micro electrode recording and deep brain stimulation.

The MicroDrive is a fully-developed, highly successful, fourth-generation device. It is used for positioning electrodes during stereotactic interventions. Up to 5 electrodes can be reloaded during the operation, so that the recording can start with a minimum number of electrodes. The resolution of 50 µm enables the operator a precise positioning of the electrodes. Every full rotation, a haptic feedback is given by the Micro Drive.

When using the optional depth sensor, the stereotactic position of the electrodes is transferred and recorded automatically in the ISIS MER system. The MicroDrive and the accessories are autoclavable at 134°C. The MicroDrive may also be used independently of the recording system and is adaptable to all common stereotactic systems.

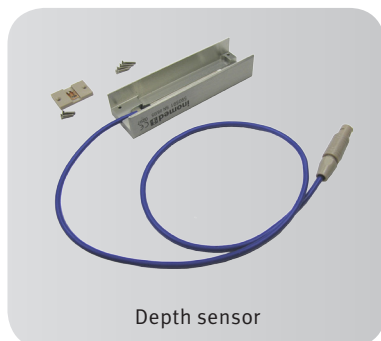


Applications

- Target point localisation by micro electrode recording and deep brain stimulation
- Implantation of Medtronic® and St. Jude® DBS electrodes
- Evaluation and localisation of the target area during lesions
- Micro positioning other probes and electrodes



MicroDrive



Depth sensor



Electrode selection

Art. no. **MicroDrive**

590 580 MicroDrive
590 591 Depth sensor

Art. no. **MicroGun**

590 301 MicroGun for St. Jude® electrodes
590 038 MicroGun for Medtronic® electrodes

Art. no. **Recording Electrodes**

230 766 Micro macro electrode
230 781 inomed MicroMove electrode

Art. no. **Adaptation Kit for Stereotaxy Frames**

590 680 Adaptation kit for ZD frame
590 670 Adaptation kit for RM frame
590 660 Adaptation kit for Leksell® frame
590 650 Adaptation kit for CRW frame
590 695 Adaptation kit for Micromar frame

We offer a complete range of electrodes and guide tubes for all applications.



Certified in accordance with
für DIN EN ISO 13485:2003



inomed Medizintechnik GmbH
Im Hausgruen 29
79312 Emmendingen (GERMANY)
Tel.: +49 7641 94 14-0
Fax: +49 7641 94 14-94
info@inomed.com
www.inomed.com