

inomed – We care for your nerves



The inomed Medizintechnik GmbH provides innovative solutions for Intraoperative Neuromonitoring, Functional Neurosurgery, Pain Treatment and Neurological Diagnostic: From High-end devices, modular solutions for the individual combination to portable solutions. In the last years inomed lies its focus on improving the flexibility of its devices through modular systems, which additionally offer more power. On Medica 2011 in Düsseldorf you can find inomed in hall 9, at booth no. B73.

Intraoperative Neuromonitoring

The meaning of intraoperative neuromonitoring (IONM) steadily grows. Besides Europe and North America a growing number of surgeons in Asia and South America use the professional monitoring of the nerves. Nerves are highpower freeways for essential informations in the human body. They make every movement possible, transport the informations of our senses to our brain and show through pain, when something is going wrong in our bodies. Within many surgical interventions, for example at the spine, brain or thyroid the small miracles of nature are often at risk. In the field of thyroid monitoring inomed leads the German market since 1995. In Germany alone, there are more than 100.000 thyroid surgeries per year, which can possibly lead to a paralysis of the recurrent nerve. For their safety inomed provides the C2 NerveMonitor, which significantly reduces the risk for the nerves. New developments in software- and accessories enable a much higher security for surgeons and patients.

In new developments inomed especially focuses on user friendliness and the flexibility of modular systems. The ISIS IOM-systems for neurophysiological interventions at the spine or the brain can be arranged with USB-Boxes for different applications like: EMG, SEP, AEP, MER. Portable suitcase-solutions have been especially developed for the Neuromonitoring offered as service. The comfortable way to surgery rooms.

→ Details to our new developments in the attached press release: "inomed – New developments at Medica"

Functional Neurosurgery

In the field of functional Neurosurgery inomed continues to develop modular systems. Through deep brain stimulation, also known as brain pacemaker, the suffering of diseases like Parkinson, Epilepsy, Dystonia or Tremor can be eased and treated. For the target point localization in the brain, where the electrodes for the pacemaker have to be positioned, inomed provides the so called "Micro Electrode Recording" (MER): inomed's ISIS MER system successfully used for the single fiber recording since years. Now inomed brought the ISIS MER portable to the market. It is not only minimized, but has also an improved power and widened range.

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Pain Treatment

For the pain treatment, especially for the neurological part, inomed offers effective systems. With the cryoanalgesia a two minute icing of approx. – 65° C of the pain evolving area is done. This way, the pain is stopped, but still the nerve remains able to regenerate.

Within the Radio Frequency Thermo Lesion a thermal action of a high-frequency current of about 300 kHz – 2 MHz is used for the lesion of nerves.

Neurological Diagnostic

In the field of neurological diagnostic inomed provides the ND System. The inomed ND System offers the entire range of programs in neurological diagnostic like: Electromyography (EMG), nerve conduction speed (NCS), evoked potential (EP), with 2 to 24 channels, in especially high quality for hospitals and clinical practice.

With the EEG-systems of Walter Graphtek inomed took over a new product line, which can realize both standard-EEG and a huge range of higher requests.

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Further information: www.inomed.com

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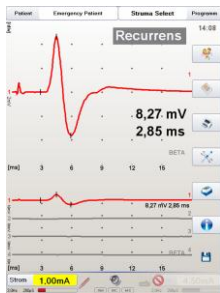
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You can find this press release on our homepage, as well: <http://www.inomed.com/about-inomed/press-archives/>

Do you need printable images? Just inform us:
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1. inomed focuses on modular components and portable systems with higher efficiency, within the development of its new products. Customers can individually USB-Boxes for applications like: EMG, SEP, AEP, MER, MEP, EEG



2. Software- (Channel Select) and accessorial developments (Laryngeal Electrode Select New developments in software- and accessories enable a much higher security for surgeons and patients during the Neuromonitoring with the C2 NerveMonitor.

About inomed

The inomed Medizintechnik GmbH is a medical technology company, that develops and produces instruments and accessories for Intraoperative Neuromonitoring, Functional Neurosurgery, Pain Treatment and Neurological Diagnostic. inomed was founded by CEO Rudi Mattmüller and Plant Manager Dieter Mußler in 1991. Today inomed has more than 100 employees at the headquarters in Emmendingen and generates a yearly turnover of about 10 Mio. Euro.