inomed

Intraoperative Neuromonitoring
Functional Neurosurgery
Pain Treatment
Neurological Diagnostics

Innovations
C2 NerveMonitor

›› APPLICATIONS
Thyroid Surgery, Facial Nerve Monitoring, Ear, Nose and Throat Surgery, Skull Base Surgery, Peripheral Nerve Surgery, Spine Surgery

›› **New sound technology** provides intuitive feedback during nerve detection and permits early detection of nerve irritation

›› **Extended length of the recording surface** allows easy placement at the vocal cords

›› Innovation delivering Quality

› Reliable preservation of nerve function

The state of the art in nerve conductivity monitoring:

The C2 NerveMonitor is the result of inomed's 20+ years of experience in the field of neuromonitoring (IONM). The C2 is available as a 4 or 8 channel EMG monitor. The system includes high performance differential amplifiers and two independent stimulators: one stimulator may be used for direct nerve stimulation with handheld probes and the second for applications such as continuous vagus nerve monitoring.

Designed for daily use in the operating room, the C2 NerveMonitor benefits from an intuitive user interface that makes the system very easy to use. The C2 combines simplicity of operation with a clear visual display. All components are optimized for safe neuromonitoring, to reach highest signal quality and reliability.

› INNOVATIONS – OVERVIEW

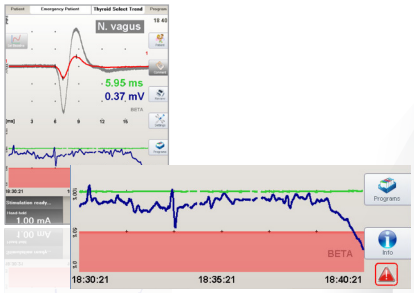
The extended length of the recording surface allows easy placement at the vocal cords

4 channel **Laryngeal Electrode Select** for EMG signal recording at the vocal cords. Unique design allows for easy placement on a wide range and size of ET tubes

Stable and reliable continuous vagus monitoring thanks to the specially designed **delta Electrode** from inomed

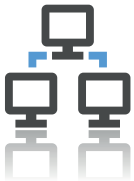
The C2 NerveMontior with the **Select Software** – acquires, selects and displays the optimum muscle signal

Integrated **barcode scanner** – An additional method of easily inputting patient information



Trend software feature including configurable alarms alerting users of changes to the nerve response during continuous vagus monitoring

The **inoView App** for real-time Wi-Fi based remote EMG monitoring with an iPad©



Network communication based on the **HL7 standard** for synchronization with the hospital management system

› INNOVATIONS IN DETAIL

› Recording

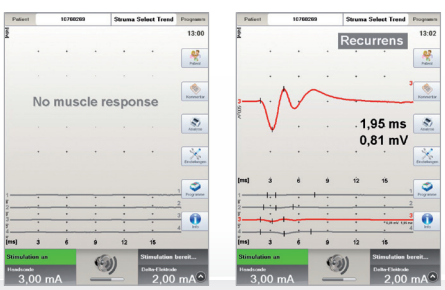
Laryngeal Electrode Select

ADVANTAGES of the 4 channel Laryngeal Electrode Select

- Reliable signal recording resulting from the 360 degree sensor surface with eight electrode contacts
- Signal stability due to multiple channel recording and the automatic signal selection by the Select Software
- Extended recording surface allows easy placement at the vocal cords
- Extraordinary value for money

Select Software

- Reliable detection of muscle responses even under poor signal conditions
- Automatic selection of the optimal trace from the four Laryngeal Electrode Select recording channels



› System

Trend Software

Continuous recurrent laryngeal nerve monitoring made simple. Trend and alarm functions help to detect nerve irritations and early signs of possible nerve impairment. The new nerve detection sound technology provides intuitive feedback for hand-guided stimulation and vagus monitoring. Vagus nerve monitoring may be performed during bipolar electro-cautery without artifact sounds.

HL7 Interface

The implementation of an HL7 network interface allows the integration of the C2 NerveMonitor into the hospital network.
Synchronisation with the patient file for patient information import and automatic export of the monitoring report simplifies the management of patient recordings and information.

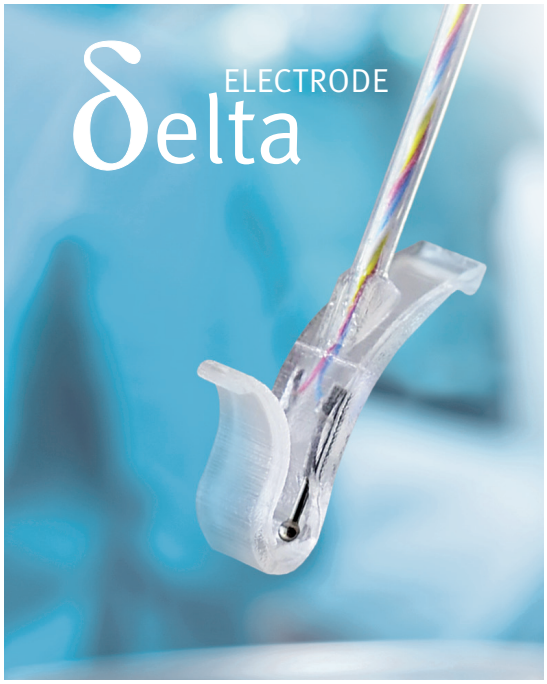
› Stimulation

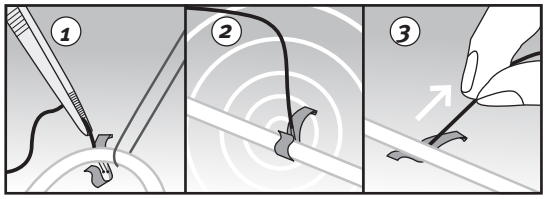
iPad© Connection

The inoView App (free from the Apple Store) enables a wireless iPad© connection to the C2. This feature allows the surgeon an added flexibility to place the iPad© in the surgical view.

The integrated comment function can be used to annotate and select measurements for post procedure report print-out at the time of surgery directly from the sterile field.

HL7 Interface –
the C2 NerveMonitor as a
part of the hospital network





delta Electrode

1. Easy positioning on the vagus nerve
2. Simple and secure application to the vagus nerve ensures good contact resulting in a stable signal for continuous monitoring
3. Easy removal from the vagus nerve thanks to an optimized shape and elasticity of the electrode body

›› Partnership
›› Precision
›› Innovation

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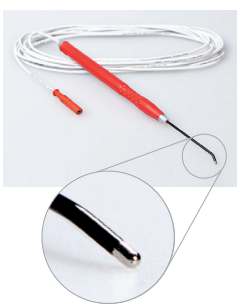
› ARTICLE – OVERVIEW

Art. No. 508 240
C2 NerveMonitor 4 channel system

Art. No. 508 280
C2 NerveMonitor 8 channel system

for intraoperative nerve monitoring. Easy to use EMG monitor with two integrated stimulation channels, loudspeaker, footswitch and mains lead

Art. No. 508 560
C2 WiFi Set
for use inside the operating room. For wireless connection of iPads with the C2 NerveMonitor, consisting of a medical WiFi router, medical network isolator, network cable and software module for C2



Art. No. 525 603
Monopolar stimulation probe angled
angled monopolar for direct nerve stimulation. Ø = 1.3 mm;
2 mm active tip; with neutral SDN electrode 15 mm/ 3 m black

Art. No. 530 855
Laryngeal Electrode Select, 4 channel, small
for endotracheal tubes with inner diameter of 6-7 mm

Art. No. 530 856
Laryngeal Electrode Select, 4 channel, big
for endotracheal tubes with inner diameter of 7-9 mm

Art. No. 522 620
delta Electrode
for continuous vagus monitoring in thyroid surgery, single-use, ETO sterilised

Art. No. 522 603
BCS probe angled
bipolar concentric for direct nerve stimulation. Total length with handle 15.5 cm

Art. No. 522 610
Microfork probe straight
bipolar for direct nerve stimulation.
Total length with handle 15.5 cm

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