



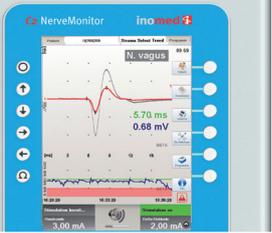
Intraoperative Neuromonitoring
Functional Neurosurgery
Pain Treatment
Neurological Diagnostics

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.

> Recording



>> Laryngeal Electrode Select

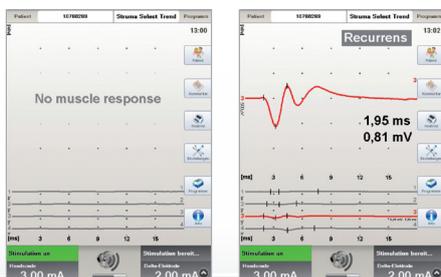
ADVANTAGES of the 4 channel Laryngeal Electrode Select

- >> 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



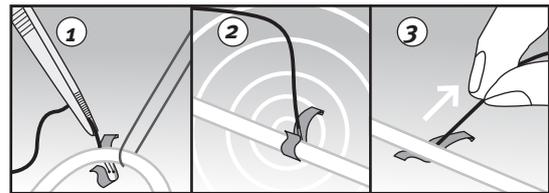
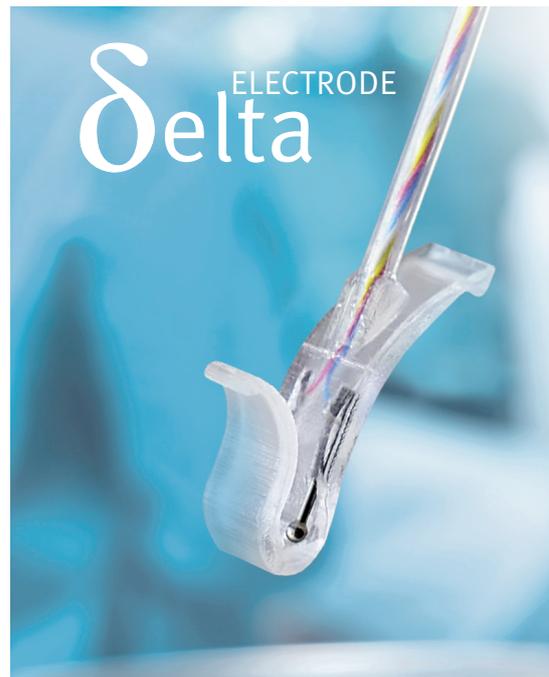
>> iPad[®] Connection

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

> INNOVATIONS – OVERVIEW



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



Delta ELECTRODE

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

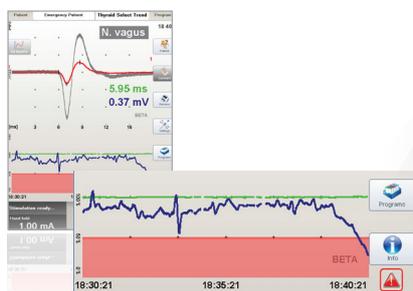
Stable and reliable continuous vagus monitoring thanks to the specially designed **delta Electrode** from inomed



The C2 NerveMonitor 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



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



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



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- >> Partnership
- >> Precision
- >> Innovation

> 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

Nr. 5



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 stimula-
 tion. Total length with handle 15.5 cm

Nr. 4



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



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

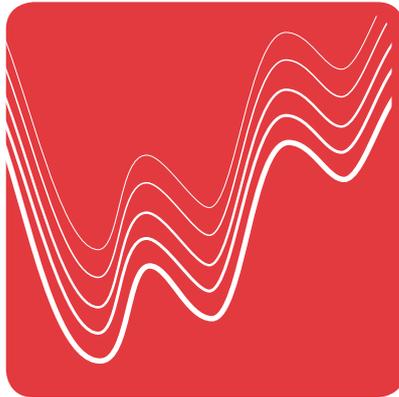
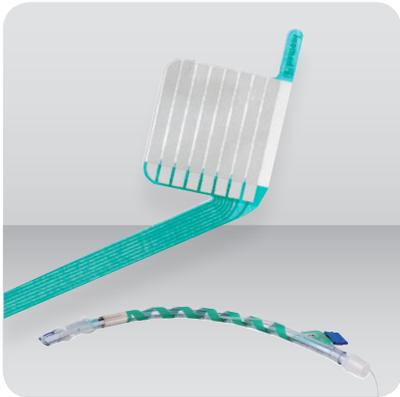
Find more products at:

www.inomed.com



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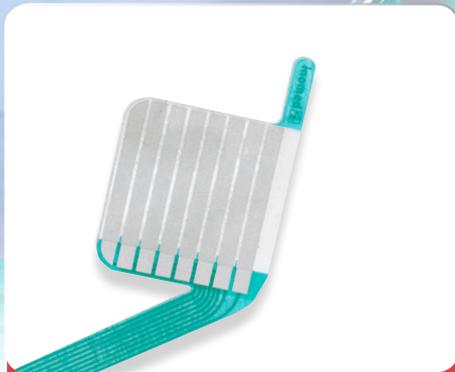
IOM Accessories



Catalogue for
Intraoperative
Neuromonitoring
Accessories

electrodes
probes
new accessories
application examples

1.6

Laryngeal Electrodes**Laryngeal Electrode Select****Laryngeal Electrode Select**

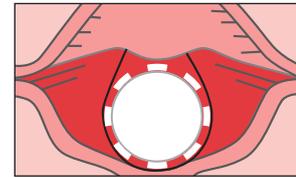
4 channels,
with adhesive neutral electrode,
Single use only,
ETO-sterilized
Unit 10

Art.-No.	adhesive surface (Length x Width)	electrode surface	for ID
530 855	32 x 29.7 mm	685 mm ²	6 - 7 mm
530 856	37.6 x 37 mm	1057 mm ²	7 - 9 mm

<https://shop.inomed.com/en/Product-Categories/Intraoperative-Neuromonitoring/Electrodes/Laryngeal-Electrode-select-for-tube-with-6-7-mm-inner-diameter.html?listtype=search&searchparam=530855>

<https://shop.inomed.com/en/Product-Categories/Intraoperative-Neuromonitoring/Electrodes/Laryngeal-Electrode-select-for-tube-with-7-9mm-inner-diameter.html?listtype=search&searchparam=530856>

» Placement has been made easier



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

» Unique design for a wide range and size of ET tubes

Nr. 5

**Connecting Cable Touchproof**

shielded for laryngeal electrodes,
2 channels differential with ground,
5 x 1.5 mm **touchproof connector**,
delivered non-sterile,
disinfectable
Unit 1

Art.-No.	
530 869	4.0 m

**Connecting Cable**

shielded for laryngeal electrodes,
4 channel differential with ground,
Redel connector,
bend protection blue,
delivered non-sterile, disinfectable
Unit 1

Art.-No.	
530 867	4.0 m



3.2

Monopolar Stimulation Probes

<https://shop.inomed.com/en/Product-Categories/Intraoperative-Neuromonitoring/Stimulation-probes/Stimulation-probe-45mm-monopolar-angled-30.html?listtype=search&searchparam=525603>



Stimulation Probe angled 30°

active tip = 2 mm,
with SDN counter electrode,
20 mm / 3 m black,
Unit 10



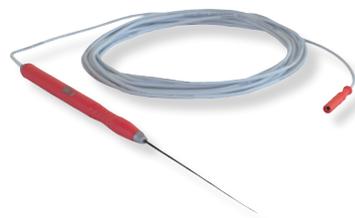
Stimulation probe straight, flexible

∅ = 1,4 mm,
∅ active tip = 0.4 mm,
with SDN counter electrode,
20 mm / 3 m black
Unit 10



Art.-No.	cm	Total Length
525 603	4.5 cm	16.0 cm
525 600	9.0 cm	20.0 cm

Nr. 4



Art.-No.	cm	Total Length
525 608	8.5 cm	19.5 cm

