ALM

inomed

ADVANCED LARYNGEAL MONITORING



C2 Xplore

One step ahead in IONM

inomed

ALM

C2 Xplore

Neuromonitoring in Thyroid surgery

The Ultimate Reliability in Recurrent Laryngeal Nerve Monitoring

Combining the synergistic effects of individual key technologies, the unique ALM technology provides the highest reliable complete solution for RLN monitoring.

With 8 measuring contacts, instead of the conventional 2 or 4 contacts, the Laryngeal Electrode Select offers optimal signal recording of the vocalis muscle.The 360° surface sensor coverage ensures ultimate signal stability, independent from tube rotation. The innovative and user-friendly Channel Select Software always selects and displays the strongest signal precisely. All signals are displayed acoustically and visually via the C2 Xplore.

The C2 Xplore is known as a reliable nerve monitoring system for various surgical applications, and is the result of more than 25 years of experience and intensive research in the field of intraoperative neuromonitoring. Developed especially for use in thyroid surgery, the C2 Xplore offers ultimate reliability and best signal quality in RLN monitoring.
These pioneering technologies build an end-to-end solution for innovative and seamless nerve monitoring.

Together with more than 25 years of experience, the ALM technology represents the most innovative cutting-edge technology in thyroid surgery to date.



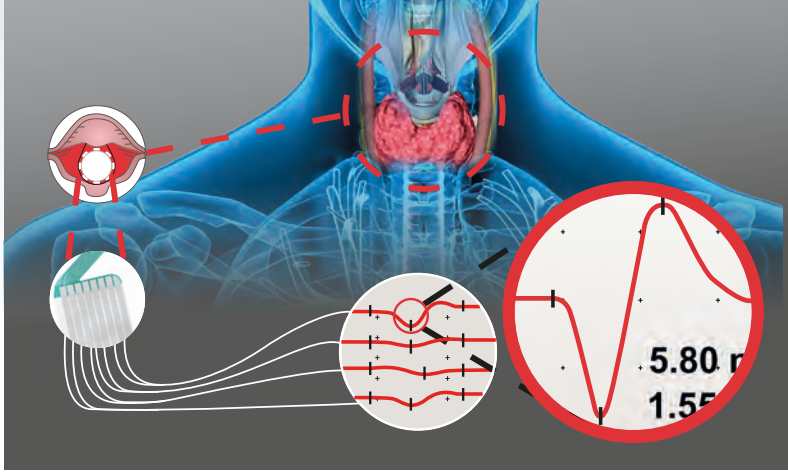
INTRAOPERATIVE NEUROMONITORING recommended by guidelines

Neuromonitoring is recommended for redo-operation in thyroid surgery by the German Society for General and Visceral Surgery – German Association of Endocrine Surgeons.[1] Therefore, documenting the monitoring process and implementing it as rapidly and intuitively as possible are of critical importance in thyroid surgery.
The C2 Xplore offers a 2D LED scanner to quickly read patient data from barcodes and even from QR codes, effortless integration of data into the patient management system, and many other possibilities for straightforward and fast reporting. The documentation process is supported by an integrated database, on which all measurement and patient data is stored on a long-term basis. The data can be subsequently recalled at any time.

[1] Deutsche Gesellschaft für Allgemein- und Viszeralchirurgie e.V. (DGAV), Leitlinie Operative Therapie benigner Schilddrüsen-erkrankungen, Oktober 2015

Advanced Laryngeal Monitoring
Smart technology for a new dynamic monitoring in thyroid surgery

ALM
Technology



8 Contacts

4 Channels

1 Best Signal

› RECORDING

Laryngeal Electrode Select

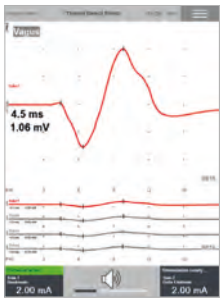
- **Reliable signal recording** resulting from the **360 degree** sensor surface with 8 electrode contacts
- **Signal stability** due to multiple channel recording and the automatic signal selection by the Select Software
- **Extended recording surface** allows easy placement at the vocal cords
- **Extraordinary** value for your money
- Can be used **universally** on all PVC tubes



› SYSTEM

Channel Select

- **Reliable detection** of muscle responses even under poor signal conditions
- **Automatic selection** of the optimal trace from the 4 recording channels of the Laryngeal Electrode Select or the ALM Tube



HL7 ready*

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



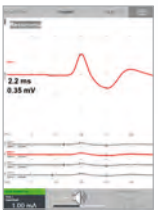
* The installation is project-based and needs to be evaluated within your hospital IT department.

› FEATURES

APPLICATION FIELD
Thyroid surgery

8 contact **Laryngeal Electrode Select** for EMG signal recording at the vocal cords.





C2 Xplore with its **Channel Select Software** – acquires, selects and displays the optimum muscle signal.

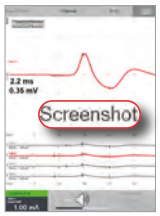


All stimulation responses are automatically stored on the system hard drive. Waveforms can be selected for the report during use via the intuitive **comment function** of the C2 Xplore.
For the comment allocation, comments that have already been set are displayed in an intuitive manner.



Following the surgery, a **patient report** can be created with one touch to be filed in the patient record at the press of a button. Reports can be generated with or without a trend graph.



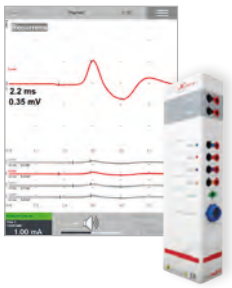


Screenshot function for easy and quick creation of screenshots.

› ACCESSORIES



Art. No. 508288
C2 Xplore
for intraoperative nerve monitoring.
Easy to use Neuromonitor with two integrated stimulation channels, loudspeaker, footswitch and mains lead



Art. No. 508541
Application package Thyroid and ENT
consisting of software license "Thyroid and ENT", Head Box and license for 4-channel recording



Art. No. 5140-530-855
Laryngeal Electrode Select, ID 6-7 mm
Adhesive surface 32 x 29.7 mm, electrode surface 685 mm², with neutral adhesive electrode
› Single use
› EO sterilized

Art. No. 5140-530-856
Laryngeal Electrode Select, ID 7-9mm
Adhesive surface 37 x 37.6 mm, electrode surface 1057 mm², with neutral adhesive electrode
› Single use
› EO sterilized

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