

High Quality Imaging and Better Results through Audible Guide

Intraoperative neuro-monitorization is essential for eliminating or minimizing the neurologic damages. Neuro-monitorization enables to assess the functional integrity of the neural structures under the risk of damage. It is a system that helps the surgeon for the purpose of protecting the patient health by monitoring visually and aurally the nerves under risk during bioscope thyroid, parathyroid, hand and face surgery



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It Eliminates
the Risks Through
Safe Design
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MEDICAL IMAGING TECHNOLOGY

More Accuracy More Trust



Reliable Protection
of Neural Functions

bioSCOPE
NEURO-MONITOR DEVICE

Technical Specifications

Operations

- **Thyroid**
- **Parathyroid**
- **ENT**
- **Hand and Face Surgery**

Technical Specifications

- **Dual duct signal measurement**
- **10.1-Inch High-Resolution Touch Screen**
- **Continuous vagus nerve stimulation**
- **Intermittent stimulation of recurrent laryngeal nerve**
- **Receiving signal from vocal cord muscle**
- **Easily adjustable stimulator, audio, screen and system parameters**
- **Intelligible and functional graphic display from optional two channels**
- **Adjustable stimulator value between 50uV-50mV**
- **Three-phase audio output between 500 Hz-3 kHz**



High Quality Imaging and Reporting System

- ▶ Prob test before and during the operation for patient safety
- ▶ A complete documentatio through one-touch instant recording
- ▶ Easy perceptibility through audio warning which increases proportionately as it approaches to nerve
- ▶ 2 hour battery life, adjustable sleep mode
- ▶ Stimulator 4x MOOP EMG 6xMOOP
- ▶ Continuous latency recording and imaging
- ▶ Intelligible signal monitorization through acoustic signal changes
- ▶ High accuracy in detecting the variables
- ▶ Aesthetical and functional user interface
- ▶ Long - resisting keyboard and cable connections
- ▶ Verification of connections through self - test pins on the controller
- ▶ Transmission of after case data into the computer optionally via Bluetooth or cable connection
- ▶ Archiving the patient information and operation data



It prevents the risk of permanent hoarseness through its safe thyroid surgery.



It provides a treatment cost which is financially lower by decreasing the secondary risks of the operation.



It minimizes the risk of nerve damage in difficult surgical operations.



It reduces surgical operation duration. It protects the patient and surgeon.

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Bring the neural network to the light”
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