

Technical Specifications

Operations

- **Thyroid**
- **Parathyroid**
- **ENT**
- **Hand and Face Surgery**
- **General 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**
- **Apprehensible and functional graphic display from optional two channels**
- **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.
- ▶ Complete documentation with an instant recording feature at a single touch.
- ▶ Easy perceptibility through audio warning which increases proportionately as it approaches nerve.
- ▶ 2-hour battery life, adjustable sleep mode.
- ▶ Reliable use thanks to the stimulator's 4x MOOP EMG and 6x MOOP isolation resistance.
- ▶ Continuous latency recording and imaging.
- ▶ Apprehensible signal monitorization through acoustic signal changes.
- ▶ High accuracy in detecting the variables.
- ▶ Lightweight and portable design weighing 4.5 kg.
- ▶ 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.
- ▶ After the case, the data can be transferred to a computer via Bluetooth, USB, or cable connection, as optional.
- ▶ Retention of patient information and operation data in the archive.



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 during surgery.



It shortens the surgical operation time and protects both the patient and the surgeon.

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Bring the neural network to the light”

High Quality Imaging and Better Results through Audible Guide

Intraoperative neuro-monitorization is necessary to eliminate or minimize the risk of possible neurological damage. Neuro-monitorization helps evaluate the functional integrity of neural structures at risk of damage. BIOSCOPE is a system that helps surgeons protect the patient's health by visually and audibly monitoring the nerves that are at risk during thyroid, parathyroid, ENT, hand, and face surgeries.



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It Eliminates
the Risks Through
Safe Design”

bioSYS

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MEDICAL IMAGING TECHNOLOGY

More Accuracy More Trust



Reliable Protection
of Neural Functions

bioSCOPE
NEURO-MONITOR DEVICE