

NEURON-SPECTRUM-NINDEX

EEG-derived Anesthesia Monitor



- Objective evaluation of anesthesia adequacy
- Continuous monitoring of the depth of anesthesia
- Intuitive interface
- Excellent-quality EEG signal
- Built-in artifact detection algorithms

NEURON-SPECTRUM-NINDEX — DEPTH OF ANESTHESIA MONITOR

Take the full advantage of Neuron-Spectrum-NINDEX when it comes to providing safe anesthesia care in your operating room.

NINDEX TECHNOLOGY

NINDEX is a parameter that helps to monitor the depth of anesthesia during surgery.

NINDEX technology is based on processing EEG information. To evaluate the depth of anesthesia, it is enough to record data from just one EEG derivation. The software automatically performs EEG analysis and compares the obtained results with the normal values of a patient.

The NINDEX value is a number between 0 and 100 related to the patient's anesthetic depth. It has been demonstrated that maintaining NINDEX values in the range of 40 to 60 ensures adequate hypnotic effect during balanced general anesthesia.

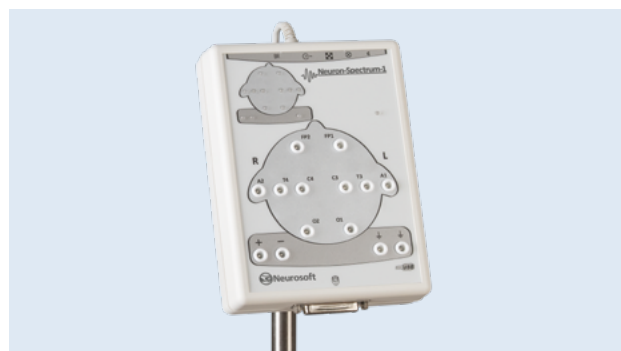
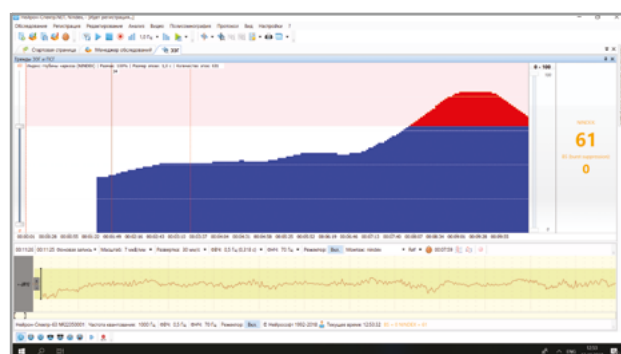
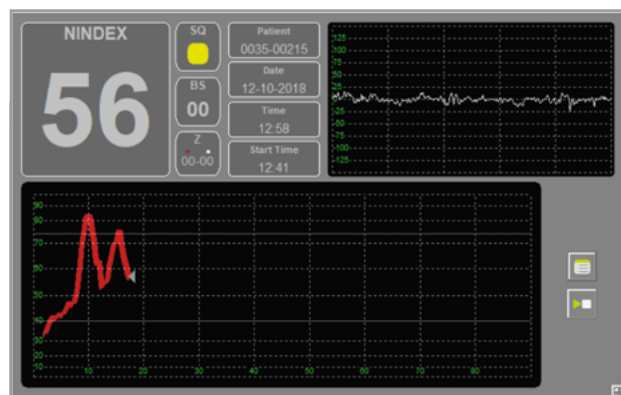
Intuitive Software

NINDEX software features simple graphical interface. Neuron-Spectrum.NET software allows you to evaluate NINDEX trend and also EEG trace in real time throughout the surgery. The monitoring data, including trend data, event markers, and patient data can be reviewed after the surgery as well.

Reliable System

Neuron-Spectrum-1* is an easy-to-use 8-channel digital EEG system. It is proven for ultimate-quality EEG recording (sampling rate – up to 5000 Hz), color-coded impedance indication on the front panel, and applicability in any unshielded environment.

* Neuro-MEP-Micro can be used instead



You can extend the area of Neuron-Spectrum-NINDEX application using the included EEG system for:

- EEG and ECoG during surgery
- EEG in intensive care units
- brain death diagnosis