

# NEURO-TES

Transcranial Electrical Stimulator

**Neuro-TES transcranial electrical stimulator** allows enhancing functionality of Neuro-IOM-16/S (32/S)\* system by adding 8 outputs (4 switchable channels) for stimulation of corticospinal pathways.

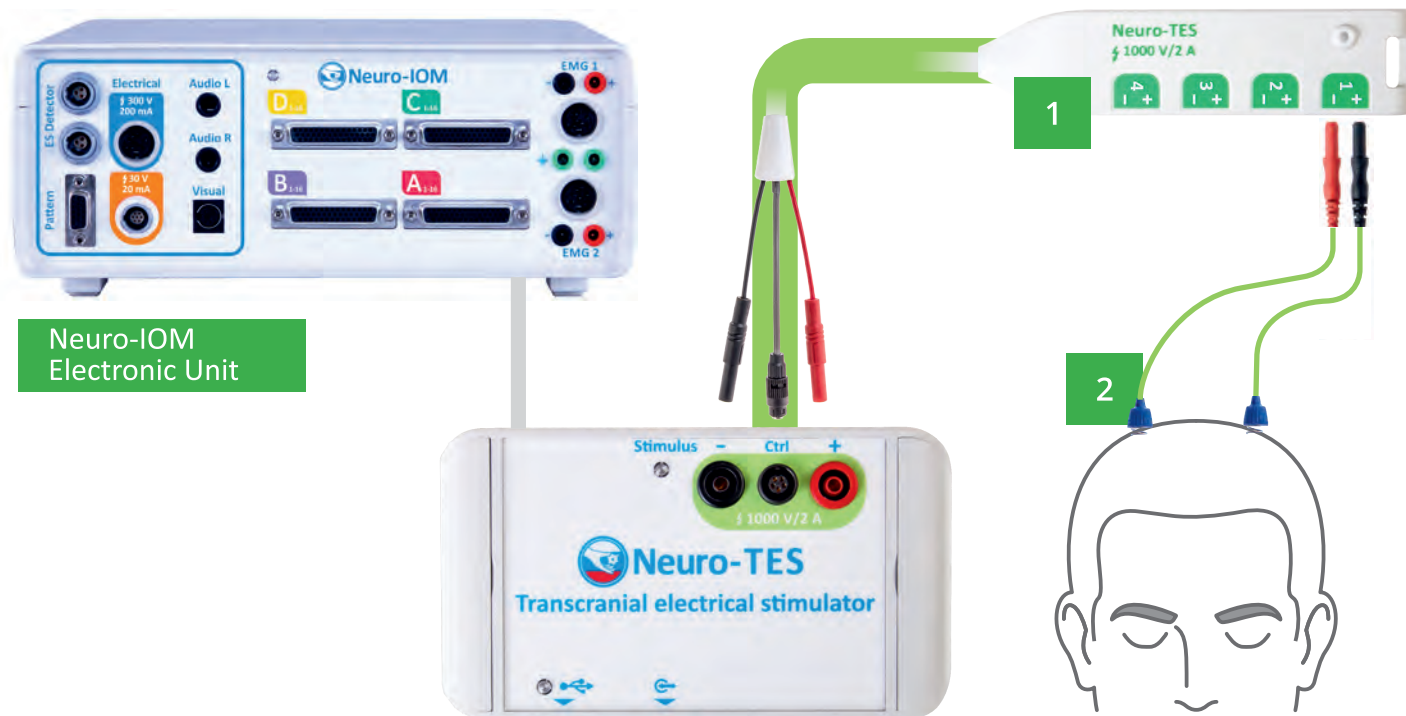
\* Neuro-IOM is a multifunctional modular platform solution for intraoperative neurophysiological monitoring (IONM). Neuro-IOM is the best solution for any type of neurological surgery. It has 3 configurations with 16/32-channel amplifier and a built-in or separate transcranial electrical stimulator.



IOM

# KEY FEATURES

- 8 (4 pairs) outputs for connection of stimulating electrodes (if the optional electronic switch is used)
- pulse amplitude – up to 1000 V, increment step – 5 V
- number of pulses in train – 1 to 9
- pulse duration – 40, 50, 60, 70, 80, 100, 150, 200  $\mu$ s
- pulse frequency in train – up to 1000 Hz
- monophasic and biphasic pulse (single, train, double train, train+pulse)
- 5-meter cable

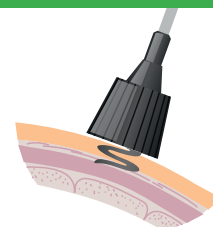


## 1 Neuro-TES Electronic Switch

Neuro-TES can be used with a special switch, that allows increasing the number of stimulation channels from 1 up to 4. The stimulator ensures different stimulation patterns and allows adjusting of parameters for each channel.

## 2 Subdermal Corkscrew Electrode

We recommend using the subdermal corkscrew electrodes for transcranial electrical stimulation.



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