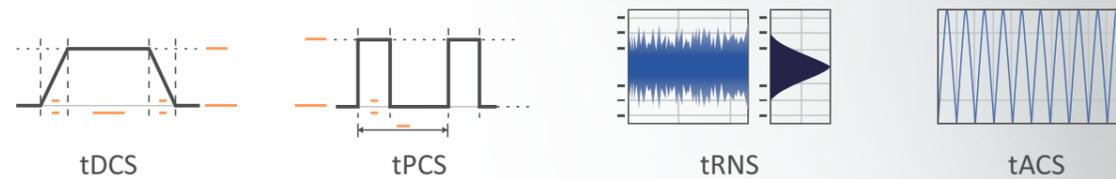


Features:

- stimulus current – up to 5 mA (30 V)
- stimulation duration – up to 40 min
- stimulus type:
 - tDCS (transcranial direct current stimulation)
 - tACS (transcranial alternating current stimulation)
 - tRNS (transcranial random noise stimulation)
 - tDCS-Sham (transcranial direct current stimulation + sham)
 - tPCS (transcranial pulse current stimulation)
 - custom waveform



- secure administrator mode to set up sessions
- operation modes:
 - stand-alone
 - USB-controlled (stimulation by specified protocol; creation and editing of stimulation protocols)

Specifications:

- 1 channel transcranial stimulator for unipolar (DC) and bipolar (AC) stimulation
- adjustable stimulus current of 0 up to 5 mA with 25 μ A increment
- adjustable stimulation duration of 15 s to 40 min with 5 s increment
- 16 bit D/A conversion
- sampling rate:
 - tACS – 33 kHz
 - tRNS – 10 kHz
 - tDCS – 500 Hz
 - tPCS – 10 kHz
- storage – 250 stimulation sessions
- power supply:
 - from 9 V battery of 6LR61 or HR22 type or rechargeable batteries (up to 3 hours)
 - from USB of +5 V (galvanically isolated up to 4000 V)

NEUROSTIM

Transcranial Electrical Stimulator



- > COMPACT BATTERY-POWERED DEVICE THAT CAN BE CONNECTED TO PC VIA USB
- > THERAPEUTIC AND RESEARCH USE
- > STUDY MODE FOR DOUBLE-BLIND SHAM STIMULATION
- > STORAGE OF UP TO 250 SESSIONS
- > CONTINUOUS MONITORING OF ELECTRODE IMPEDANCE



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Application

Neurostim is intended for the transcranial noninvasive stimulation with low current (up to 5 mA). The current generates the electrical field changing the brain cortex excitability. Such brain impact is used to study the functional state of the cortex including the cortical excitation/inhibition mechanisms and also it has therapeutic effect in the treatment of different disorders including fibromyalgia, major depressive episode, addiction/craving, lower limb neuropathic pain and recovery of motor functions after stroke and brain injuries.

THERAPEUTIC USE

The user-friendly interface, preset protocols and functionality allow performing a treatment both in outpatient and inpatient environments.

The device ease-of-use ensures the outpatient treatment in just 3 steps.

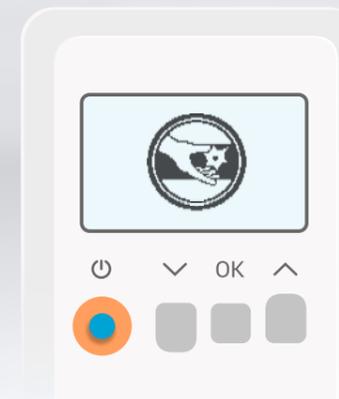
Before the start the tDCS specialist should customize the treatment course and specify the list of the stimulation sessions (up to 250).

These treatment sessions can be performed at home. Each time the patient switches on the stimulator, Neurostim offers automatically to run the preset stimulation session scheduled for the particular day.

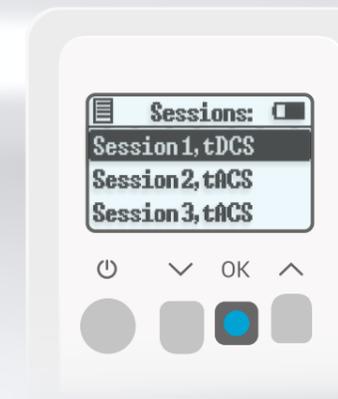
RESEARCH USE

All-round versatility, flexible settings, customization of sessions with the device and PC ensure the maximum research needs.

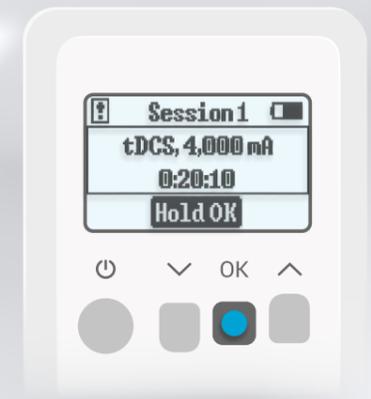
3-STEP STIMULATION



Place the electrodes and switch on the stimulator.



The required session is already selected. Confirm your choice.



Check the parameters and run the stimulation!



Built-in memory for **250** sessions

EASY
to USE

