

PAJUNK®



Stim2Go

*Wearable App-Controlled Neurorehabilitation System
for Non-Invasive Electrical Stimulation and Biofeedback*



NEXT GEN NEUROSTIMULATION

Wearable App-Controlled Neurorehabilitation System for Non-Invasive Electrical Stimulation and Biofeedback

Stim2Go is a powerful neurostimulation system developed for non-invasive muscle re-education by use of Functional Electrical Stimulation (FES) and Neuromuscular Electrical Stimulation (NMES) as well as pain via Transcutaneous Electrical Nerve Stimulation (TENS). Stim2Go uses a built-in sensor to capture the patient's motion in real time. With this biofeedback, stimulation patterns can be triggered to support the patient in its movement execution. Stim2Go is app-controlled by a smart device – the app is freely available in the Apple App Store / Google Play Store.



Compliant Skin Electrodes

- ValuTrobe® cloth electrodes optimally support Stim2Go therapies
- Wizard for electrode placement and selection of size & shape
- Superior quality at an affordable price
- Durable and multiple applications for the skin



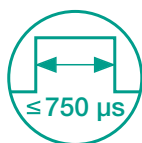
Wearable Device

The compact and light weight design allows the device to be easily worn during mobility activities



5 Stimulation Channels

Up to 5 stimulation channels can be used independently



Powerful, Long Pulse Duration

- Pulse duration can be adjusted by the therapist
- For high BMI
- For reaching deeper neural structures



Lumbar Stimulation

- Relearn voluntary motor functions, relaxation of muscle spasms, prevention or retardation of disuse atrophy & muscle re-education (as FES/NMES)
- Pain management (as TENS)
- Long pulse duration





Intuitive App Design

Modern, easy to use, intuitive smart device app interface for professionals and patients



Clinic Features (Collaboration License Required)

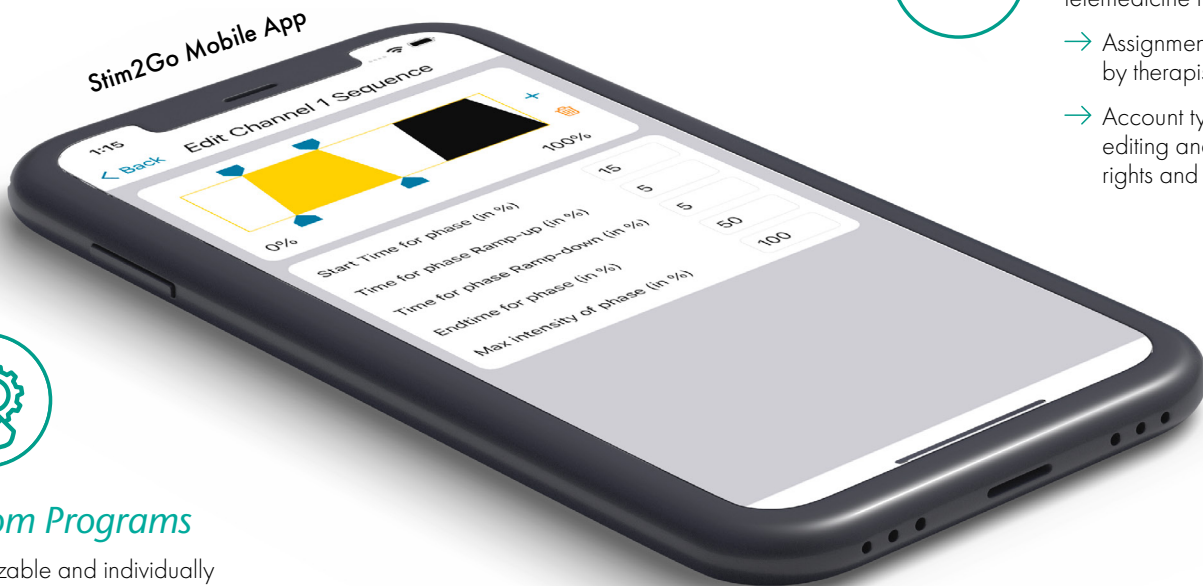
→ Shared customized programs and patients' statistics in groups of therapists within a facility



Interactivity

Group therapy and telemedicine features

- Assignment of programs by therapists for patients
- Account types with different editing and customization rights and features.



Custom Programs

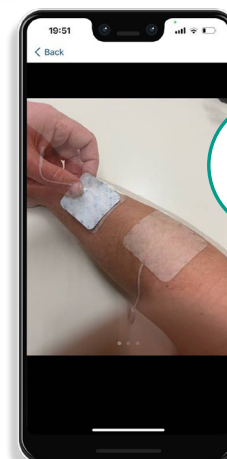
Customizable and individually assignable programs for patients

- Frequency: 1-100 Hz
- Current amplitude: max 100mA @ 1k Ω
- Pulse-width: up to 750 μ s
- Pulse form: bi-phasic rectangular (charge-balanced)
- APP-based program storage for device independency



FES-Assisted Cycling

- Motion-triggered by body-worn stimulator (Biofeedback)
- Use of existing cycling equipment without any modifications



Augmented Reality (AR) Support

AR support for electrode placement

Indications for use

As a powered neuromuscular electrical stimulator (NMES) the Stim2Go is indicated for the following conditions:

- Relaxation of muscle spasms
- Prevention or retardation of disuse atrophy
- Increasing local blood circulation
- Muscle re-education
- Immediate post-surgical stimulation of calf muscles to prevent venous thrombosis
- Maintaining or increasing range of motion

As a transcutaneous electrical nerve stimulator (TENS) for pain relief the Stim2Go is indicated for the following conditions:

- Symptomatic relief and management of chronic (long-term), intractable pain
- Adjunctive treatment in the management of post-surgical pain and post traumatic acute pain

As a biofeedback device the Stim2Go is indicated for the following condition:

- Muscle re-education purposes

As a functional neuromuscular stimulator, the Stim2Go is indicated for the following conditions:

- Helps to relearn voluntary motor functions of the extremities

The movement-based biofeedback can only be used for patients with an active range of motion (ROM) which is defined as the ability of volitional movement resulting in a change of the concerned limb inclination angle of at least 10 degrees.



App



Stim2Go Starter Set

Product	Item no.	PU
Complete set incl. stimulator, 2 & 5 channel cable, adapter cable, strap, strap holder, power supply with 3 adapters (EU, US, UK)	9151-10-00	1

Accessories & Parts

Product	Item no.	PU
Power supply with 3 adapters (EU, US, UK)	9151-00-10	1
2-channel cable	9151-01-11	1
5-channel cable	9151-01-12	1
Adapter cable 1:2	9151-01-13	1
Charging cable	9151-01-14	1
Strap and strap holder	9151-02-00	1

Compatible Skin Electrodes

Product	Item no.	PU
ValueTrod 3 cm (round) – 1 bag with 4 electrodes	9151-05-01	1
ValueTrod 3 cm (round) – 10 bags with 4 electrodes each	9151-06-01	10
ValueTrod 4 x 6 cm (oval) – 1 bag with 4 electrodes	9151-05-02	1
ValueTrod 4 x 6 cm (oval) – 10 bags with 4 electrodes each	9151-06-02	10
ValueTrod 5 x 5 cm (square) – 1 bag with 4 electrodes	9151-05-03	1
ValueTrod 5 x 5 cm (square) – 10 bags with 4 electrodes each	9151-06-03	10
ValueTrod 5 x 9 cm (rectangle) – 1 bag with 4 electrodes	9151-05-04	1
ValueTrod 5 x 9 cm (rectangle) – 10 bags with 4 electrodes each	9151-06-04	10

Licences for Additional Clinical Features

Product	Item no.	PU
Collaboration license - groups up to 10 therapists	9151-050015	1
Extention license - 5 additional therapists	9151-050016	1

Weblinks

Global Website



US Website

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Stim2Go has been cleared for market by the FDA. It cannot be made available in other countries until it is CE marked according to Regulation (EU) 2017/745.