



## Product catalogue 2018



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## Sooma tDCS™



Sooma tDCS™ is a portable transcranial direct current stimulator. It is optimized for routine clinical and home health care use, while also offering the flexibility required for research.

### Features

- Intuitive workflow-based operation
- Single button: no possibility for accidental modification of parameters
- Continuous contact monitoring and output control
- Gentle current ramp-up and ramp-down
- Surge protection
- Placebo-mode for clinical research
- Treatment counter for use supervision
- CE-marked class IIa medical device

Order code	Item	Price
DCSR	<p>Sooma tDCS™ system</p> <ul style="list-style-type: none"> <li>○ Sooma tDCS™ stimulator</li> <li>○ Sooma tDCS™ Carry Case (CASE)</li> <li>○ Access to Sooma Software Suite</li> </ul> <p>Add SERV to customize your parameters</p> <ul style="list-style-type: none"> <li>○ Output current: Default 2.0 mA. Range 0-3.0 mA (0.1mA steps)</li> <li>○ Stimulation duration: Default 30 minutes. Range 0-60 (30 second steps)</li> <li>○ Mode: Active, Sham</li> <li>○ Treatment lock (15 sessions): OFF, ON</li> <li>○ Language: Default English. French, German, Italian, Spanish, Swedish, Finnish, Portuguese, Polish</li> </ul>	



1.

Sooma Depression Treatment delivery kit includes all you need for administering bi-frontal tDCS treatments. The system comes preset to 2 mA current and 30-minute stimulation duration.

This current is applied through the DLPFC using two electrodes placed over the scalp with the help of Smart Cap or ComfoCap. The head cap positions the electrodes correctly for each treatment session and keeps them firmly in place during the stimulation.

The system is optimized for routine clinical and home health care use. The system comes with a remote patient monitoring solution called Sooma Software Suite



2.

1. Sooma Depression Treatment delivery kit: Smart
2. Sooma Software Suite: Professionals' center

Order code	Item	Price
	<p>Sooma Depression Treatment delivery kit</p> <ul style="list-style-type: none"> <li>○ Sooma tDCS™ stimulator</li> <li>○ Stimulation electrolyte, NaCl 0.9%, 5x30 ml (NACL)</li> <li>○ Neck Pouch for Sooma tDCS™ (NECK)</li> <li>○ Sooma tDCS™ Carry Case (CASE)</li> <li>○ Access to Sooma Software Suite</li> </ul> <p>Choose either Smart- or Comfort accessories (Option 1 or 2)</p>	
DCS2	<p>Option 1: Smart</p> <ul style="list-style-type: none"> <li>○ Electrode pair 50x70 mm (ELM2)</li> <li>○ Smart Cap, M2: Small, Medium and Large (SCS2, SCM2, SCL2)</li> <li>○ 60 pairs of electrode sponges (3x SPM220)</li> </ul>	
DCS2T	<p>Option 2: Comfort</p> <ul style="list-style-type: none"> <li>○ ComfoTrode, round 25cm<sup>2</sup> (CE25)</li> <li>○ ComfoCap, M2: Small, Medium and Large (CCS2, CCM2, CCL2)</li> <li>○ 60 pairs of ComfoPads (3x CP25)</li> </ul>	



Sooma Pain Treatment delivery kit is intended for the treatment of fibromyalgia and neuropathic pain.

The system delivers stimulation to the motor cortex using ComfoCap. The anode is placed over the motor area, while cathode comes over the supraorbital region. The ComfoCap support both peripheral and central pain types.

The system comes preset to 2 mA current and 20-minute stimulation duration. It is optimized for routine clinical and home health care use. The system comes with a remote patient monitoring solution Sooma Software Suite.



1. Sooma Pain Treatment delivery kit
2. Sooma Software Suite: Professionals' center

Order code	Item	Price
DCS3T	<p>Sooma Pain Treatment delivery kit</p> <ul style="list-style-type: none"> <li>○ Sooma tDCS™ stimulator</li> <li>○ Stimulation electrolyte, NaCl 0.9%, 5x30 ml (NACL)</li> <li>○ Neck Pouch for Sooma tDCS™ (NECK)</li> <li>○ Sooma tDCS™ Carry Case (CASE)</li> <li>○ Access to Sooma Software suite</li> <li>○ ComfoTrobe, round 25cm<sup>2</sup> (CE25)</li> <li>○ ComfoCap, M3: Small, Medium and Large (CCS3, CCM3, CCL3)</li> <li>○ 60 pairs of ComfoPads (3x CP25)</li> </ul>	



Patient sets enable swift and effective replacement of accessories for the users of Sooma Depression Treatment and Sooma Pain Treatment. You may choose your patient sets with or without saline solution.

10 sets have 2 Small, 6 Medium and 2 Large ComfoCaps

50 sets have 10 Small, 30 Medium and 10 Large ComfoCaps

Order code	Item	Price
<b>Sooma Depression Treatment patient sets</b>		
P2T10	Patient set containing: ComfoCap, M2 and 20 pairs Sooma ComfoPads ○ 10 individually packaged sets	
P2T50	○ 50 individually packaged sets	
P2T10N	Patient set with electrolyte: ComfoCap, M2, 20 pairs of Sooma ComfoPads, 20 ampules of 0.9% NaCl electrolyte (30 ml) ○ 10 individually packaged sets	
P2T50N	○ 50 individually packaged sets	
<b>Sooma Pain Treatment patient sets</b>		
P3T10	Patient set containing: ComfoCap, M3 and 20 pairs of Sooma ComfoPads ○ 10 individually packaged sets	
P3T50	○ 50 individually packaged sets	
P3T10N	Patient set with electrolyte: ComfoCap M3, 20 pairs of Sooma ComfoPads, 20 ampules of 0.9% NaCl electrolyte (30 ml) ○ 10 individually packaged sets	
P3T50N	○ 50 individually packaged sets	





Sooma Comfort –family represents a breakthrough in transcranial electrical brain stimulation. Over 50% faster preparation and up to 40% better contact quality when compared to traditional rubber electrodes and electrode sponges<sup>1</sup>.

ComfoPads expand rapidly from their dry state when soaked in saline. Together with ComfoTrode electrode frames, soaked and expanded ComfoPads create a soft and uniform stimulation surface. ComfoCap positions and holds the electrodes in place during stimulation.

1. ComfoCap, M2
2. ComfoTrode, round 25cm<sup>2</sup>
3. ComfoPad: Before soaking – After soaking

Order code	Item	Price
<b>Head caps</b>		
CCS2	ComfoCap, M2 for bifrontal (F3 & F4) stimulation	
CCM2	○ Small, Head circumference: 50-54 cm	
CCM2	○ Medium, 55-58 cm	
CCL2	○ Large, 59- cm	
CCS3	ComfoCap, M3 for motor cortex (C3 & C4) stimulation	
CCM3	○ Small, Head circumference: 50-54 cm	
CCM3	○ Medium, 55-58 cm	
CCL3	○ Large, 59- cm	
<b>Electrodes</b>		
CE25	ComfoTrode: reusable electrode pair for ComfoCap	
	○ Round with 120mm cable, 25cm <sup>2</sup>	
<b>Stimulation pads</b>		
CP25	ComfoPad: swelling stimulation pads for ComfoTrode	
	○ For 25cm <sup>2</sup> electrode, 20 pairs	



Comfortable head cap with pockets for electrode positioning. Smart Cap provides the ease of use required in a routine clinical setting and home healthcare environment. The pockets inside Smart Cap keep the electrodes firmly in place even during movement.

### Features

- Ensures correct and reproducible electrode positioning
- Produces firm and even pressure to the electrodes during stimulation
- Allows the patient to movement during stimulation
- Hydrophobic fabric prevents formation of electrolyte bridges
- Reusable
- 100% biocompatible

Order code	Item	Price
For Sooma Depression Treatment and research use		
	Smart Cap, M2 for bifrontal (F3 & F4) stimulation	
SCS2	○ Small, Head circumference: 50-54 cm	
SCM2	○ Medium, 55-58 cm	
SCL2	○ Large, 59- cm	





Flex cap is a multi-purpose solution for electrode placement. Stitching indicates the correct electrode position. Electrodes are inserted via cuts in the cap.

### Features

- Adjustment of electrode position possible
- Fabric changes color when wet indicating true stimulation area
- Reusable
- 100 % biocompatible

Order code	Item	Price
For Sooma Depression Treatment and research use		
HM2S	Flex cap, M2 for bifrontal (F3 & F4) stimulation ○ Small, Head circumference: 50-54 cm	
HM2M	○ Medium, 55-58 cm	
HM2L	○ Large, 59- cm	
For Sooma Pain Treatment and research use		
HM3S	Flex cap, M3 for sensorimotor area (C3 or C4, SO) stimulation ○ Small, Head circumference: 50-54 cm	
HM3M	○ Medium, 55-58 cm	
HM3L	○ Large, 59- cm	
For research use		
HM0S	Flex cap, M0 with no pre-set electrode positions. Small, Head circumference: 50-54 cm	
HM0M	Medium, 55-58 cm	
HM0L	Large, 59- cm	
HM0C	Add customized electrode positions for HM0 caps	
HM1S	Flex cap, M1 for auditory cortex stimulation (LTA, F8) ○ Small, Head circumference: 50-54 cm	
HM1M	○ Medium, 55-58 cm	
HM1L	○ Large, 59- cm	

## Rubber straps



Rubber straps provide a flexible electrode positioning solution. Advanced user can use rubber straps to achieve fully customized positioning. Straps allow the physician to place the electrodes according to individually defined treatment areas.

### Features

- Individualized electrode positioning
- Produces even and firm pressure to electrodes during stimulation
- Fixed in place with plastic strap buttons
- Reusable
- 100 % biocompatible
- Latex-free

For research use		
Order code	Item	Price
RS5520	Set of rubber straps for custom electrode positioning <ul style="list-style-type: none"> <li>○ 5 long (67 cm x 3,2 cm) and 5 short straps (45 cm x 3,2 cm). Includes 20 plastic buttons for fastening.</li> </ul>	

## Fabric strap



Elastic fabric strap for extracephalic electrode positioning. The strap is put around an upper or lower limb, where the electrode is located, and fastened using a hook and loop fastener.

### Features

- Enables extracephalic electrode positioning
- Produces even and firm pressure to electrode during stimulation
- Reusable
- 100% biocompatible

For research use		
Order code	Item	Price
FS40	Elastic fabric strap: 100 mm x 40 cm.	

## Stimulation electrodes



### Features

- Uniform conductive surface
- Reusable and latex free
- Durable molded connector
- DIN 42802 touch-proof connector
- Color-coded 120 mm paired-cable
- 1.5mm cable diameter

Replace after 200 sessions to ensure high quality stimulation

## Electrode sponges



### Features

- Pocket-like sponges, into which electrodes are inserted
- High thickness for optimal electrolyte absorption
- Ensures that the contact surface does not dry
- 100% biocompatible and biodegradable



**Single-use only**

For Sooma Depression treatment, Sooma Pain Treatment and research use

Order code	Item	Price
ELM2	Symmetric electrode pair with 120mm cable: 50x70 mm	
	Set of electrode sponges for ELM2 electrodes	
SPM220	○ 20 pairs	
SPM2100	○ 100 pairs	
SPM2500	○ 500 pairs	
For research use		
ELM1	Asymmetric electrode pair with 120mm cable: 50x70 mm, 50x100 mm	
	Set of electrode sponges for ELM1 electrodes	
SPM120	○ 20 pairs	
SPM1100	○ 100 pairs	
EL55	Symmetric electrode pair with 120mm cable: 50x50 mm	
SP55	20 pairs of electrode sponges for EL55 electrodes	

## Electrolyte



Optimal electrolyte solution for tDCS. Sterile medical quality sodium chloride in 30ml bottles suitable for single session.

### Features

- Five 30ml bottles of sterile medical grade NaCl
- Only Na<sup>+</sup> and Cl<sup>-</sup> ions
- NaCl content 0.9%

## Neck pouch



Lanyard bag to hold Sooma tDCS™ device during treatment sessions.

### Features

- Enables safe movement during stimulation
- Protects device from drops and cable entanglement
- Maintains display visibility
- Non-intrusive and comfortable to wear

## Sooma tDCS™ Carry Case



Carry case of Sooma tDCS™ device and accessories.

### Features

- Size-efficient design for easy transport
- Cushioned holder for device
- Provides protection during transport and storage

Order code	Item	Price
NACL	Stimulation electrolyte, NaCl 0.9%. For 5 stimulation sessions (5x 30 ml)	
NECK	Neck Pouch for Sooma tDCS™	
CASE	White carry case for Sooma tDCS™	



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