

# Rehab/Theta/Physio



**REHAB** is a 4 channel stimulator developed for Physiotherapists and Rehab Clinics requesting a standard use of electro stimulation. It provides pain management, treatment of vascular diseases and muscle stimulation with basic programmes, it will fit the main requirements of professionals. Standard programme configuration.

**THETA** is a 4 channel stimulator developed to treat both standard (Pain, NMES) and specific protocols in Rehabilitation especially when triggered or co-contractions are requested. Neurology (Spasticity, Hemiplegic foot, Agonist-Antagonist) or specific pathologies like Post ACL Ligamentoplasty are protocols provided by the unit. Full programme configuration.

**PHYSIO** is a complete 4 channel stimulator developed to manage all indications of Electrotherapy: Standard (TENS/NMES), Full (Neurology, ACL) and Denervated muscles, Iontophoresis, Hyperidrosis, Urology or edema prevention. Optimum programme configuration.

## Features

### • Muscle Intelligence™ Technology:

**REHAB** is Mi-Ready (integrated Mi Technology on all 4 channels, but Mi-Cable not included), **THETA and PHYSIO** include respectively 2 and 4 Mi cables. Muscle Intelligence™ functions are automatically available when Mi-cable is plugged.

#### 4 MI functions available on all 4 channels:

- Mi-Scan – customize the stimulation according to the physiology for more comfort and efficiency
- Mi-Tens – work efficiently just behind the threshold for TENS programme
- Mi-Range – work efficiently in the range of intensity required for low frequency programmes
- Mi-Action – Active session with a voluntary contraction detected by the device to start the stimulation

### • Trigger Function (Theta And Physio Only)

Start working phase voluntary when requested in protocols (Hemiplegic foot, spasticity...)

### • 2+2

Choose one programme for channel 1 and 2, and then select another programme from the 2+2 programme list for channel 3 and 4. This allows treatment of two different body parts, or two patients at the same time, or combines NMES and TENS as one treatment.

### • Skip

Manage the session time and move directly in the next phase (recovery) when needed.

### • Motor Point Pen

Included in the sets. This very useful tool in combination with the dedicated programme helps ensuring the optimal electrode placement.

### • I-Button

Allows you to adjust the energy on all four channels at the same time, access directly to TOP 5 favourites programmes or check ongoing statistics (number of contractions, intensity level) during sessions.

### • Pause Mode

Pauses the ongoing stimulation when electrodes need to be repositioned.

### • Programmability

Creates and personalizes programmes, in order to customize the patient specific parameters.

### • Autonomy And Speed Recharge

Daily use autonomy and with the charger included in the kit, a full cycle of recharging will take a maximum of 2.5 hours.

### • Cables And Snap-Pin Converters

Devices are delivered with 4 pin cables + snap – pin converters to allow connecting with both pin or snap electrodes.

### • Warranty

The warranty is 3 years from date of purchase on.

	mi-scan	mi-range	mi-tens	mi-action	Trigger	2+2	Skip
<b>REHAB</b>	Ready	Ready	Ready	Ready	N	Y	Y
<b>THETA</b>	Y	Y	Y	Y	Y	Y	Y
<b>PHYSIO</b>	Y	Y	Y	Y	Y	Y	Y

# Programme Configuration

## Standard Configuration - Rehab / Theta / Physio

REHABILITATION I	PAIN RELIEF I	VASCULAR	CONDITIONING I
Disuse Atrophy	Tens 100Hz Gate Control	Venous Insufficiency 1	Resistance
Prevention of Disuse Atrophy	Frequency Modulated Tens	Venous Insufficiency 2	Strength
Reinforcement	Endorphinic	Arterial Insufficiency 1	Active Recovery
Muscle Lesion	Decontraction	Arterial Insufficiency 2	
Motor Point	Pulse Width Modulated Tens	Capillarization	
	Burst	Heavy Legs	
	Burst/Tens Alternated	Cramp Prevention	

## Additional Programmes - Full Configuration - Theta / Physio

REHABILITATION II	NEUROLOGIC REHABILITATION	PAIN RELIEF II	CONDITIONING II
Hip Prosthesis	Spasticity	Tens 80Hz	Muscle Building
Patellofemoral Syndrome	Hemiplegic Foot	Knee Pain	Potentialion
ACL	Hemiplegic Shoulder	Fracture Pain	Endurance
Rotator Cuff	Slow Start Neuro Rehab.	Trapezius Pain	Explosive Strength
Lumbar Stabilization		Shoulder Pain	Hypertrophy
Cardiac Rehabilitation		Cervical Pain	Low Back Reinforcement
Atrophy 1/1 4 Channels		Thoracic Back Pain	Recovery Plus
Reinforcement 1/1 4 Channels		Low Back Pain	Toning Massage
Atrophy Modulated Freq.		Lumbosciatica	Relaxing Massage
Reinforcement Modulated Freq.		Lumbago	Antistress Massage
Hemophilia Atrophy		Epicondylitis	Core Stabilization
Hemophilia Reinforcement		Torticollis	Plyometry
		Arthralgia	

## Additional Programmes - Optimum Configuration - Physio Only

INCONTINENCE	DENERVATED	DIRECT CURRENT
Stress Incontinence	Partial Automatic	Hyperhidrosis
Urge Incontinence	Total Automatic	Iontophoresis
Mixed Incontinence	Partial Manual	Edema
Post-Partum Prevention	Total Manual	

## Available Languages

EN (English), FR (French), IT (Italian), NL (Dutch),  
 DE (German), ES (Spanish), PT (Portuguese), TR (Turkish),  
 GR (Greek - Manual only), SE (Swedish), DA (Danish),  
 NO (Norwegian), FI (Finnish), RU (Russian), PL (Polish),  
 CZ (Czech)



# Rehab/Theta/Physio

## Technical Specifications

**MDD:** Class IIa

**IP class:** IP22

**Applied part:** Type BF

Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10

**Battery 941213:** Nickel metal hydride (NiMH) rechargeable battery (4.8 V 2000 mA/h).

**Battery chargers:** Only battery chargers bearing the part number 68301X can be used to recharge the batteries supplied with Rehab/Theta/Physio stimulators.

**Neurostimulation programmes:** Rehab, Theta and Physio devices

**Channels:** Four independent and individually adjustable channels

**Pulse shape:** Constant rectangular current with pulse compensation

**Maximum pulse intensity:** 120 mA.

**Pulse intensity increments:** Manual adjustment of stimulation intensity from 0 to 999 (energy) in minimum increments of 0.25 mA.

**Pulse width:** 30 to 400 µs.

**Maximum electrical charge per pulse:** 96 micro coulombs ( $2 \times 48 \mu\text{C}$ , compensated)

**Standard pulse ramp-up time:** 3 µs (20 %-80 % of maximum current)

**Pulse frequency:** 1 to 150 Hz.

### **Denervated muscle – Physio device Only**

**Impulse shape:** Compensated, rectangular, or triangular

**Maximum pulse intensity:** 30 mA

**Minimum intensity increment:** 0.25 mA

**Pulse width:** 10 ms – 1000 ms

**Pulse frequency:** 1/30 Hz – 10 Hz

### **Iontophoresis, Hyperhidrosis – Physio device Only**

**Impulse shape:** Continuous current

**Maximum intensity:** 20 mA

**Minimum intensity increment:** 0.125 mA

**Edema:** Rectangular, non-compensated current

**Pulse width:** 150 µs

**Maximum intensity:** 120 mA

**Minimum intensity**

**Increment:** 1 mA

**Pulse frequency:** 100 Hz

**Dimensions:** 138x95x33mm

**Weight:** 300g battery included

## Order Information



REHAB	
2533110	Set Chattanooga Rehab EN-FR-IT-DE-SP-NL plug EU
2533111	Set Chattanooga Rehab EN-TU-PT-NL-SP plug EU
2533112	Set Chattanooga Rehab EN-DA-SV-NO-FI plug EU
2533113	Set Chattanooga Rehab EN-CZE-PL-RU plug EU
2533114	Set Chattanooga Rehab EN-FR-IT-DE-SP-NL plug US
2533115	Set Chattanooga Rehab EN-FR-IT-DE-SP-NL plug UK
2533117	Set Chattanooga Rehab EN-FR-IT-DE-SP-NL plug AUS



THETA	
2534810	Set Chattanooga Theta EN-FR-IT-DE-SP-NL plug EU
2534811	Set Chattanooga Theta EN-TU-PT-NL-SP plug EU
2534812	Set Chattanooga Theta EN-DA-SV-NO-FI plug EU
2534813	Set Chattanooga Theta EN-CZE-PL-RU plug EU
2534814	Set Chattanooga Theta EN-FR-IT-DE-SP-NL plug US
2534815	Set Chattanooga Theta EN-FR-IT-DE-SP-NL plug UK
2534816	Set Chattanooga Theta EN-FR-IT-DE-SP-NL plug AUS



PHYSIO	
2535110	Set Chattanooga Physio EN-FR-IT-DE-SP-NL plug EU
2535111	Set Chattanooga Physio EN-TU-PT-NL-SP plug EU
2535112	Set Chattanooga Physio EN-DA-SV-NO-FI plug EU
2535113	Set Chattanooga Physio EN-CZE-PL-RU plug EU
2535114	Set Chattanooga Physio EN-FR-IT-DE-ES-NL plug US
2535115	Set Chattanooga Physio EN-FR-IT-DE-ES-NL plug UK
2535117	Set Chattanooga Physio EN-FR-IT-DE-ES-NL plug AUS

# Product Sets

**Model:** Rehab

**Part number:** 253311x

**Your kit contains (included in delivery):**

Quantity	Description	Part number
1	Rehab device	1551000
1	Fast charger	683010
1	Battery pack	941213
1	Set of 4 pin cables	601132
1	Snap adaptor kit	6111944
1	Protecting cover	690001
2	Bags of small electrodes (5X5 cm 1 snap connection)	42204
2	Bags of large electrodes (5X10 cm 2 snap connections)	42203
1	User manual and practical guide on CD/USB	13-8870
1	Quick start guide + warning leaflet	885932
1	Electrode placement leaflet	4526645
1	Bottle of gel	602047
1	Motor point pen	980020
1	Transportation pouch	680055
1	Belt clip	949000

**Model:** Theta

**Part number:** 253481x

**Your kit contains (included in delivery):**

Quantity	Description	Part number
1	Theta device	1552200
1	Fast charger	683010
1	Battery pack	941213
1	Set of 4 pin cables	601132
1	Snap adaptor kit	6111944
2	Mi cables	601160
1	Protecting cover	690001
2	Bags of small electrodes (5X5 cm 1 snap connection)	42204
2	Bags of large electrodes (5X10 cm 2 snap connections)	42203
1	User manual and practical guide on CD/USB	13-8870
1	Quick start guide + warning leaflet	885932
1	Electrode placement leaflet	4526645
1	Bottle of gel	602047
1	Motor point pen	980020
1	Transportation pouch	680055
1	Belt clip	949000

**Model:** Physio

**Part number:** 253511x

**Your kit contains (included in delivery):**

Quantity	Description	Part number
1	Physio device	1553300
1	Fast charger	683010
1	Battery pack	941213
1	Set of 4 pin cables	601132
1	Snap adaptor kit	6111944
4	Mi cables	601160
1	Protecting cover	690001
2	Bags of small electrodes (5X5 cm 1 snap connection)	42204
2	Bags of large electrodes (5X10 cm 2 snap connections)	42203
1	Set of ultra-flexible electrode For denervated	602110
1	Set of iontophoresis electrodes	642110
1	User manual and practical guide on CD/USB	13-8870
1	Quick start guide + warning leaflet	885932
1	Electrode placement leaflet	4526645
1	Bottle of gel	602047
1	Motor point pen	980020
1	Transportation case	680054
1	Belt clip	949000