

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 |
|---------------|---------|----------|---------|-----------|---------|-----|------|
| REHAB | Ready | Ready | Ready | Ready | N | Y | Y |
| THETA | Y | Y | Y | Y | Y | Y | Y |
| PHYSIO | 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 | Potentialiation |
| 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 μ s.

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

Standard pulse ramp-up time: 3 μ s (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 μ s

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 |