



Portable Electrotherapy

## Introduction

Chattanooga is the world's largest manufacturer of rehabilitation equipment for treating musculoskeletal, neurological and soft tissue disorders. For over six decades, Chattanooga has set a benchmark for leadership, reliability and excellence. Our products contribute to better treatment outcomes in hospitals, clinics and home settings worldwide. We lead the physiotherapy industry by example and, through continuous innovation, provide real world solutions for clinicians and their patients.

As the world's leading brand in rehabilitation, Chattanooga is sold in over 80 countries worldwide. Chattanooga is directly represented in our key markets but also has long lasting relationships with dedicated distributors in the USA, Canada, Latin America, EMEA and Asia Pacific. Our Chattanooga distributors and customers are supported for order placement, training, product delivery and after sales service by a dedicated team of highly skilled DJO employees based all over the world.

Chattanooga is a brand of DJO Global Inc. DJO Global provides solutions for musculoskeletal health, vascular health and pain management. Our products help prevent injuries or rehabilitate after surgery, injury or from degenerative disease, enabling patients to regain or maintain their natural motion.

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## Portable Electrotherapy

In 2007, the Compex and Chattanooga engineering teams joined DJO Global, a leading orthopedic company and the largest orthopedic rehabilitation company.

Combining these R&D resources and their core technology expertise resulted in the development of one of the most advanced devices on the market that launched in 2014, the Chattanooga INTELECT NEO Electrotherapy platform.

Moving forward, the legacy 4CH Portable line has been enhanced with additional features, a new program list and a new design. This new portable product line developed by our Swiss Engineering team and branded as Chattanooga will also feature the proven effective, well-known Compex Technology.

Rehabilitation, pain relief, recovery, muscle reinforcement...

Today, the benefits of electrotherapy are now recognized by both physiotherapists and doctors working in the field of pain relief and sports. Chattanooga products bring you the ultimate technology with one goal: to support you in your everyday professional life.

More specifically, working with Chattanooga products means choosing high-quality therapeutic solutions and enjoying an effective range of products that meet your requirements, regardless of your work methodology, customer base or budget.

Choosing Chattanooga products will guarantee effective results. It also means choosing the greatest electrotherapy research and innovation capabilities worldwide. From self-adhesive electrodes to the most sophisticated neurostimulators, all the products in this catalogue meet the highest quality criteria and are designed with a single goal in mind: to help you provide patients with optimal treatments.

# Comparative Template

|                               |  |
|-------------------------------|--|
| <b>WIRED/WIRELESS</b>         |  |
| <b>PROGRAMS CONFIGURATION</b> |  |
| <b>CHANNELS</b>               | Number of channels of stimulation  |
| <b>PROGRAM CATEGORIES</b>     | <b>TYPE OF PROGRAMS</b>  |
| <b>REHABILITATION I</b>       | Atrophy, Reinforcement, Motor point...                                     |
| <b>PAIN RELIEF I</b>          | Tens Gate Control, Endorphins...   |
| <b>VASCULAR</b>               | Heavy legs, Capillarization...   |
| <b>CONDITIONING I</b>         | Resistance, Strength, Recovery...  |
| <b>REHABILITATION II</b>      | ACL, Rotator Cuff, Lumbar Stabilization...                                 |
| <b>PAIN RELIEF II</b>         | Low back Pain, Cervical Pain, Epicondylitis...                             |
| <b>NEURO REHABILITATION</b>   | Spacticity, Hemiplegic Foot & Shoulder...                                  |
| <b>CONDITIONING II</b>        | Endurance, Explosive Strength, Massage...                                  |
| <b>INCONTINENCE</b>           | Stress, Urge, Mixed, Post Partum Prevention...                             |
| <b>DENERVATED</b>             | Partial and Total, Automatic and Manual...                                 |
| <b>DIRECT CURRENT</b>         | Iontophoresis, Edema, Hyperhidrosis...                                     |
| <b>ADDITIONAL FUNCTIONS</b>   |  |
| <b>2+2 OR +TENS OPTION</b>    | Combine 2 different programs   |
| <b>MOTOR POINT PEN</b>        | Localize muscle motor point for optimal electrode placement                |
| <b>SKIP</b>                   | Move directly to the next phase  |
| <b>PROGRAMMABILITY</b>        | Create your own programs   |
| <b>MI-SCAN</b>                | Customize the stimulation for comfort and efficiency                       |
| <b>MI-TENS</b>                | Work efficiently behind the muscle threshold                               |
| <b>MI-RANGE</b>               | Work efficiently at good intensity for low frequency programs              |
| <b>MI-ACTION</b>              | Active sessions with voluntary contraction detected by the device          |
| <b>MULTI-SESSIONS™</b>        | 2 remotes + Smart docking station to manage several sessions independently |
| <b>TRIGGER</b>                | Starts voluntary working phase   |
| <b>SOFTWARE</b>               | Create your patient and history lists                                      |
| <b>AUTOMATIC RAMPE SEARCH</b> | Partial denervation  |
| <b>WARRANTY</b>               | 3 years  |



| REHAB    | THETA       | PHYSIO      | WIRELESS PRO 2CH STANDARD | WIRELESS PRO 4CH STANDARD | WIRELESS PRO 4CH FULL |          |
|----------|-------------|-------------|---------------------------|---------------------------|-----------------------|----------|
| Wired    | Wired       | Wired       | Wireless                  | Wireless                  | Wireless              |          |
| Standard | Full        | Optimum     | Standard                  | Standard                  | Full                  |          |
| 4        | 4           | 4           | 2 Modules                 | 4 Modules                 | 4 Modules             |          |
|          |             |             |                           |                           |                       |          |
| X        | X           | X           | X                         | X                         | X                     | STANDARD |
| X        | X           | X           | X                         | X                         | X                     |          |
| X        | X           | X           | X                         | X                         | X                     |          |
| X        | X           | X           | X                         | X                         | X                     |          |
|          | X           | X           |                           |                           | X                     | FULL     |
|          | X           | X           |                           |                           | X                     |          |
|          | X           | X           |                           |                           | X                     |          |
|          | X           | X           |                           |                           | X                     |          |
|          |             | X           |                           |                           |                       | OPTIMUM  |
|          |             | X           |                           |                           |                       |          |
|          |             | X           |                           |                           |                       |          |
|          |             |             |                           |                           |                       |          |
| X        | X           | X           | X                         | X                         | X                     |          |
| X        | X           | X           | X                         | X                         | X                     |          |
| X        | X           | X           | X                         | X                         | X                     |          |
| X        | X           | X           | X                         | X                         | X                     |          |
| Mi-ready | 2 Mi-cables | 4 Mi-cables | 2 Ch                      | 4 Ch                      | 4 Ch                  |          |
| Mi-ready | 2 Mi-cables | 4 Mi-cables | 2 Ch                      | 4 Ch                      | 4 Ch                  |          |
| Mi-ready | 2 Mi-cables | 4 Mi-cables | 2 Ch                      | 4 Ch                      | 4 Ch                  |          |
| Mi-ready | 2 Mi-cables | 4 Mi-cables | 2 Ch                      | 4 Ch                      | 4 Ch                  |          |
|          |             |             |                           | X                         | X                     |          |
|          | X           | X           |                           |                           | X                     |          |
|          |             |             | X                         | X                         | X                     |          |
|          |             | X           |                           |                           |                       |          |
|          |             |             |                           |                           |                       |          |

**WIRELESS PRO** is today's most advanced electrotherapy technology offering enhanced ease-of-use and convenience while saving space and time to optimize patient treatment. It offers a new way of stimulation without constraints allowing you and your patient a total freedom of movement facilitating patient manipulation and combined exercises.

**MULTI-SESSIONS Concept**

Discover the MULTI-SESSIONS technology offered by WIRELESS PRO four channel devices. Four modules, two remotes and a smart docking station allow you to synchronize modules and remotes to independently manage several sessions simultaneously. Additional remotes/modules are optional.

## Rehab



| Ordering Information                             |   |
|--|---|
| Part Number                                      | Description   |
| Rehab (Full kit includes 4 bags of 4 electrodes) |   |
| 2533110  | Rehab EN-FR-IT-DE-SP-NL Plug EU   |
| 2533111  | Rehab EN-TU-PT-NL-GR-SP Plug EU   |
| 2533112  | Rehab EN-DA-SV-NO-FI Plug EU  |
| 2533113  | Rehab EN-CZE-PL-RU Plug EU  |
| 2533114  | Rehab EN-FR-IT-DE-SP-NL Plug US   |
| 2533115  | Rehab EN-FR-IT-DE-SP-NL Plug UK   |
| 2533117  | Rehab EN-FR-IT-DE-SP-NL Plug AUS  |
| Standard Accessories                             |   |
| 683010   | Fast charger  |
| 941213   | Battery pack  |
| 601132   | Set of 4 pin cables   |
| 6111944  | Snap adaptor kit  |
| 690001   | Protecting cover  |
| 45264XX  | User manual and practical guide on CD/USB                                       |
| 885932   | Quick start guide + warning leaflet   |
| 4526645  | Electrode placement leaflet   |
| 602047   | Bottle of gel   |
| 980020   | Motor point pen   |
| 680055   | Transportation pouch  |
| 949000   | Belt clip   |
| 941213   | Battery pack high energy  |
| 949000   | Belt clip   |
| Optional Accessories                             |   |
| 6601160  | Mi-sensor lead wire (1pc)   |
| 690001   | Antishock protection sleeve   |
| 111.970  | External battery charger  |
| Technical Specifications                         |   |
| Channels:  | 4   |
| Constant current:                                | Up to a resistance of Max 1300 Ohm/channel                                      |
| Maximum pulse intensity:                         | 120 mA.   |
| Pulse intensity increments:                      | 0.25 mA.  |
| Pulse width:                                     | 30 to 400 $\mu$ s.  |
| Pulse frequency:                                 | 1 to 150 Hz.  |
| MDD:   | Class IIa   |
| IP class:  | IP22  |
| Applied part:                                    | Type BF<br>Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| Battery 941213:                                  | Nickel metal hydride (NiMH) 4.8 V 2000 mA/h.                                    |
| Dimensions:                                      | 138 x 95 x 33mm   |
| Weight:  | 300g battery included   |

### A Standard for Rehabilitation

REHAB is a 4 channel stimulator developed for Physiotherapists and Rehab Clinics that require a standard wireless option of electro stimulation. It meets all of the requirements a professional demands; pain management, treatment of vascular diseases, and muscle stimulation with basic programs.

### Features

#### Programs

Four standard program categories: Rehabilitation I, Pain Relief I, Vascular and Conditioning I. Standard program configuration.

#### Muscle Intelligence™ Technology

- Mi-Ready (integrated Mi Technology on all 4 channels, but Mi-Cable not included)
- 4 functions: Mi- Scan, Mi-Tens, Mi-Range, Mi-Action

#### 2+2

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

#### Skip

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

#### Motor Point Pen

This very useful tool in combination with the dedicated program helps to ensure the optimal electrode placement.

#### Programmability

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

#### Detailed Practical Guide

Guidelines and treatment recommendations as well as technical parameters for all programs included in the stimulator are provided. The fold out cover includes illustrations of the suggested electrode placements.

#### Autonomy and Speed Recharge

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

#### Warranty

The warranty is for 3 years from the date of purchase.

#### Waveforms



- Symmetrical Biphasic 100% compensated



### Control your Sessions of Electrotherapy

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.

### Features

#### Programs

Four standard + 4 Full program categories: Rehabilitation I&II, Pain Relief I&II, Vascular, Neurologic Rehabilitation and Conditioning I&II. Full program configuration.

#### Muscle Intelligence™ Technology

4 functions on all 4 channels: Mi- Scan, Mi-Tens, Mi-Range, Mi-Action (Active session with a voluntary contraction detected by the device to start the stimulation). 2 Mi-Cables included.

#### 2+2

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

#### Trigger Function

Start the stimulation on demand by pressing a trigger button when needed.

#### Skip

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

#### Motor Point Pen

This very useful tool in combination with the dedicated program helps to ensure the optimal electrode placement.

#### Programmability

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

#### Detailed Practical Guide

Guidelines, treatment recommendations and technical parameters for all the stimulator programs is provided. The fold out cover includes illustrations of the suggested electrode placements.

#### Autonomy and Speed Recharge

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

#### Warranty

The warranty is for 3 years from the date of purchase.

### Waveforms



- Symmetrical Biphasic 100% compensated

### Ordering Information

| Part Number                                      | Description                      |
|--|----------------------------------|
| Theta (Full kit includes 4 bags of 4 electrodes) |                                  |
| 2534810  | Theta EN-FR-IT-DE-SP-NL Plug EU  |
| 2534811  | Theta EN-TU-PT-NL-GR-SP Plug EU  |
| 2534812  | Theta EN-DA-SV-NO-FI Plug EU     |
| 2534813  | Theta EN-CZE-PL-RU Plug EU       |
| 2534814  | Theta EN-FR-IT-DE-SP-NL Plug US  |
| 2534815  | Theta EN-FR-IT-DE-SP-NL Plug UK  |
| 2534816  | Theta EN-FR-IT-DE-SP-NL Plug AUS |

### Standard Accessories

|         |   |
|---------|---|
| 683010  | Fast charger                              |
| 941213  | Battery pack                              |
| 601132  | Set of 4 pin cables                       |
| 601160  | Mi-cables x2                              |
| 6111944 | Snap adaptor kit                          |
| 690001  | Protecting cover                          |
| 45264XX | User manual and practical guide on CD/USB |
| 885932  | Quick start guide + warning leaflet       |
| 4526645 | Electrode placement leaflet               |
| 602047  | Bottle of gel                             |
| 980020  | Motor point pen                           |
| 680055  | Transportation pouch                      |
| 949000  | Belt clip                                 |

### Optional Accessories

|         |                             |
|---------|-----------------------------|
| 6601160 | Mi-sensor lead wire (1pc)   |
| 690001  | Antishock protection sleeve |
| 111.970 | External battery charger    |

### Technical Specifications

|                             |   |
|-----------------------------|---|
| Channels:                   | 4   |
| Constant current:           | Up to a resistance of Max 1300 Ohm/channel                                      |
| Maximum pulse intensity:    | 120 mA.   |
| Pulse intensity increments: | 0.25 mA.  |
| Pulse width:                | 30 to 400 $\mu$ s.  |
| Pulse frequency:            | 1 to 150 Hz.  |
| MDD:                        | Class IIa   |
| IP class:                   | IP22  |
| Applied part:               | Type BF<br>Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| Battery 941213:             | Nickel metal hydride (NiMH) 4.8 V<br>2000 mA/h.                                 |
| Dimensions:                 | 138 x 95 x 33mm   |
| Weight:                     | 300g battery included   |

## Ordering Information

| Part Number                                       | Description                       |
|---|-----------------------------------|
| Physio (Full kit includes 4 bags of 4 electrodes) |                                   |
| 2535110   | Physio EN-FR-IT-DE-SP-NL Plug EU  |
| 2535111   | Physio EN-TU-PT-NL-GR-SP Plug EU  |
| 2535112   | Physio EN-DA-SV-NO-FI Plug EU     |
| 2535113   | Physio EN-CZE-PL-RU Plug EU       |
| 2535114   | Physio EN-FR-IT-DE-SP-NL Plug US  |
| 2535115   | Physio EN-FR-IT-DE-SP-NL Plug UK  |
| 2535117   | Physio EN-FR-IT-DE-SP-NL Plug AUS |

## Standard Accessories

|         |  |
|---------|--|
| 683010  | Fast charger                                   |
| 941213  | Battery pack                                   |
| 601132  | Set of 4 pin cables                            |
| 6111944 | Snap adaptor kit                               |
| 601160  | Mi cables(x4)                                  |
| 690001  | Protecting cover                               |
| 602110  | Set of ultra-flexible electrode for denervated |
| 642110  | Set of iontophoresis electrodes                |
| 45264XX | User manual and practical guide on CD/USB      |
| 885932  | Quick start guide + warning leaflet            |
| 4526645 | Electrode placement leaflet                    |
| 602047  | Bottle of gel                                  |
| 980020  | Motor point pen                                |
| 680054  | Transportation case                            |
| 949000  | Belt clip                                      |

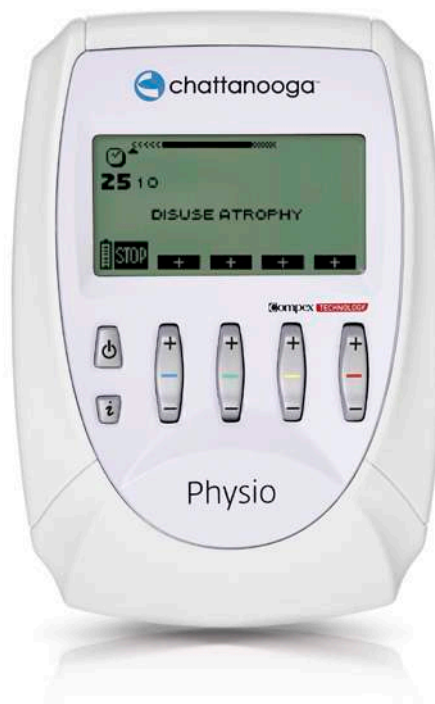
## Optional Accessories

|         |                             |
|---------|-----------------------------|
| 6601160 | Mi-sensor lead wire (1pc)   |
| 690001  | Antishock protection sleeve |
| 111.970 | External battery charger    |

## Technical Specifications

|                             |   |
|-----------------------------|---|
| Channels:                   | 4   |
| Constant current:           | Up to a resistance of Max 1300 Ohm/channel                                      |
| Maximum pulse intensity:    | 120 mA.   |
| Pulse intensity increments: | 0.25 mA.  |
| Pulse width:                | 30MS to 1000ms  |
| Pulse frequency:            | 1 to 150 Hz.  |
| MDD:                        | Class IIa   |
| IP class:                   | IP22  |
| Applied part:               | Type BF<br>Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| Battery 941213:             | Nickel metal hydride (NiMH) 4.8 V 2000 mA/h.                                    |
| Dimensions:                 | 138 x 95 x 33mm   |
| Weight:                     | 300g battery included   |

## Physio



## The Complete Tool for Electrotherapy

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

## Features

## Programs

Four standard + 4 Full + 3 Optimum program categories: Rehabilitation I&II, Pain Relief I&II, Vascular, Neurologic Rehabilitation, Conditioning I&II, Incontinence, Denervated muscles and Direct Current (Iontophoresis, Hyperhidrosis and edema). Optimum program configuration.

## Muscle Intelligence™ Technology

4 functions on all 4 channels: Mi- Scan, Mi-Tens, Mi-Range, Mi-Action. 4 Mi-Cables included.

## 2+2

Choose one program for channel 1 and 2, and then select another program from the 2+2 program 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.

## Trigger Function

Start the stimulation on demand by pressing a trigger button when needed.

## Automatic Ramp Search For Partial Denervation

To prevent atrophy and limit the onset of sclerosis, Physio is a unique device that automatically calculates the effective ramp for partial denervation when only denervated muscles fibers need stimulation.

## Skip

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

## Programmability

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

## Autonomy and Speed Recharge

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

## Warranty

The warranty is for 3 years from the date of purchase.

## Waveforms



- Symmetrical Biphasic 100% compensated



- Monophasic
- Continuous
- Cycle Timed
- Rectangular Pulsed
- Triangular Pulsed



- Galvanic/Direct Current



## Discover the Wireless Stimulation

WIRELESS PRO 2 CH STANDARD is a wireless 2 channel stimulator developed for Physiotherapists and Rehab Clinics that require a standard wireless option for electro stimulation. Delivered with 2 modules, 1 remote and a basic docking station, it meets all of the requirements a professional demands; pain management, treatment of vascular diseases, and muscle stimulation with basic programs.

## Features

### Programs

4 standard program categories: Rehabilitation I, Pain I, Vascular and Conditioning I. Standard program configuration – 2CH.

### Wireless Technology

Remove constraints for you and your patient. Gives your patient a total freedom of movement facilitating patient manipulations and allowing you to combine active exercise with electro stimulation for a better result.

### Muscle Intelligence™ Technology

4 functions Mi-Scan, Mi-Tens, Mi-Range and Mi-Action are available on each module (2 modules delivered).

### Remote Control

Design adapted to professional use with a silicon keypad that acts as a safeguard against water and gel penetration, and offers better ergonomic conditions in terms of keyboard use and buttons.

### + TENS Option

Select one program and add TENS on other channels. This allows treatment of two different body parts, two patients at the same time or combines TENS and NMES when this kind of stimulation is required.

### Skip

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

### Autonomy and Speed Recharge

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

### Software

Create your patient and history list and create customized stimulation programs.

### Warranty

The warranty is for 3 years from the date of purchase.

## Waveforms



- Symmetrical Biphasic 100% compensated

## Ordering Information

| Part Number                | Description  |
|----------------------------|--|
| Wireless Pro 2 Ch Standard |  |
| 2532660                    | WPRO STD2CH-LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU           |
| 2532682                    | WPRO STD2CH-LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS |
| 2532686                    | WPRO STD2CH- LP3 EN-DA-SV-NO-FI-RU Plug EU                   |

## Standard Accessories

|         |   |
|---------|---|
| 0013X   | Remote control (x1) std                   |
| 984350  | Stimulation modules (x2)                  |
| 101091  | Basic 2 ch docking station                |
| 108X    | AC adaptor                                |
| 601163  | USB cable                                 |
| 46262XX | User manual and practical guide on CD/USB |
| 885932  | Quick start guide/warning leaflet         |
| 602047  | Bottle of gel                             |
| 980020  | Motor point pen                           |
| 680085  | Transportation pouch                      |
| 1494    | Lanyard                                   |
| 5529024 | White protection sleeve                   |
| 5529220 | Set of colored module clips               |

## Technical Specifications

|                             |   |
|-----------------------------|---|
| Channels:                   | 4   |
| Constant current:           | Up to a resistance of Max 1300 Ohm/channel                                      |
| Maximum pulse intensity:    | 120 mA.   |
| Pulse intensity increments: | 0.25 mA.  |
| Pulse width:                | 30µs to 1000ms  |
| Pulse frequency:            | 1 to 150 Hz.  |
| MDD:                        | Class IIa   |
| IP class:                   | IP22  |
| Applied part:               | Type BF<br>Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| Power supplies:             | Lithium polymer (LiPo) rechargeable 3.7[V] / ≥ 1500[mAh].                       |
| Dimensions:                 | Remote control: 105 x 66 x 19 mm  |
| Module:                     | 55 x 16 mm  |
| Docking station:            | 188 x 134 x 80 mm   |
| Weight:<br>Remote control:  | 116 g incl. battery   |
| Module:                     | 62 g incl. battery  |
| Docking station<br>2CH:     | 250g  |

| Ordering Information                     |   |
|--|---|
| Part Number                              | Description   |
| Wireless Pro 4 Ch Standard               |   |
| 2532117                                  | WPRO STD 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU                            |
| 2532961                                  | WPRO STD 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS                  |
| 2532962                                  | WPRO STD 4 CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532961       |
| 2532974                                  | WPRO STD 4CH- LP3 EN-DA-SV-NO-FI-RU Plug EU                                     |
| Standard Accessories                     |   |
| 00113X                                   | Remote control (x1) std   |
| 984350                                   | Stimulation modules (x4)  |
| 6831XX                                   | Smart 4 CH docking station  |
| 6490XX                                   | AC adaptor  |
| 601163                                   | USB cable   |
| 46262XX                                  | User manual and practical guide on CD/USB                                       |
| 885932                                   | Quick start guide/warning leaflet   |
| 602047                                   | Bottle of gel   |
| 980020                                   | Motor point pen   |
| 680041                                   | Carrying case   |
| 1494                                     | Lanyards  |
| 5529024                                  | White protection sleeve   |
| 5528535                                  | Blue protection sleeve  |
| 5529220                                  | Set of colored module clips   |
| Technical Specifications (Standard/Full) |   |
| Channels:                                | 4   |
| Constant current:                        | Up to a resistance of Max 1300 Ohm/channel                                      |
| Maximum pulse intensity:                 | 120 mA.   |
| Pulse intensity increments:              | 0.25 mA.  |
| Pulse width:                             | 30µs to 1000ms  |
| Pulse frequency:                         | 1 to 150 Hz.  |
| MDD:                                     | Class IIa   |
| IP class:                                | IP22  |
| Applied part:                            | Type BF<br>Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| Power supplies:                          | Lithium polymer (LiPo) rechargeable 3.7[V] / ≥1500[mAh].                        |
| Dimensions:                              | Remote control: 105 x 66 x 19 mm  |
| Module:                                  | 55 x 16 mm  |
| Docking station:                         | 265 x 240 x 200 mm  |
| Weight:                                  |   |
| Remote control:                          | 116 g incl. battery   |
| Module:                                  | 62 g incl. battery  |
| Docking station 4CH:                     | 2.4 kg  |

## Wireless Pro 4 Channel

### Wireless Pro 4Ch Standard

#### Let's start MULTI-SESSIONS™

WIRELESS PRO 4CH STANDARD is a wireless 4 channel stimulator developed to treat standard indications of electrotherapy (Pain & Standard Rehab and Vascular) with 4 channels, 2 remotes and a professional smart docking station allowing the user to manage several sessions.

### Wireless Pro 4Ch Full

#### The Daily Freedom for Patients and Professionals

WIRELESS PRO 4CH FULL is a 4 channel stimulator developed to manage the main indications of Electrotherapy: Standard (TENS/NMES) and Full (Neurology, ACL) with Wireless freedom benefits. No cables and the Trigger function will allow managing new types of sessions where voluntary contractions are required, or when the physiotherapist wants to control stimulation manually. Delivered with 2 remotes and a smart docking station to manage several sessions simultaneously (MULTI-SESSIONS).

#### Features

##### Programs (Standard)

Four standard program categories: Rehabilitation I, Pain I, Vascular and Conditioning I. MULTI-SESSIONS concept. Standard Program configuration – 4CH – MULTI-SESSIONS.

##### Programs (Full)

Four standard + 4 Full program categories: Rehabilitation I&II, Pain Relief I&II, Vascular, Neurologic Rehabilitation and Conditioning I&II. Full Program configuration – 4CH – MULTI-SESSIONS.

##### Wireless Technology

Removes constraints for you and your patient. Gives your patient a total freedom of movement facilitating patient manipulations and allowing you to combine active exercise with electro stimulation for a better result.

##### Skip

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

##### Software

Create your patient and history list and create customized stimulation Programs.

##### Warranty

The warranty is for 3 years from the date of purchase.

##### MULTI-SESSIONS concept

Wireless MULTI-SESSIONS concept allows you to simplify the use of electro stimulation in your practice and to manage independently several sessions at the same time. It offers a new way of stimulation without constraints allowing you and your patient a total freedom of movement facilitating patient manipulation and combined exercises.

4 modules, 2 remotes and a smart docking station allowing you to synchronize modules and remotes to manage independently several sessions at the same time. Additional remotes/modules in option.

You will not use anymore a stimulator with 4 channels but separate stimulators manageable independently.

##### Muscle Intelligence™ Technology

4 functions Mi-Scan, Mi-Tens, Mi-Range and Mi-Action are available on each module (4 modules delivered).





#### + TENS Option

Select one Program and add TENS on other channels. This allows treatment of two different body parts, two patients simultaneously or combines TENS and NMES when this kind of stimulation is required.



#### Ordering Information

| Part Number                   | Description   |
|-------------------------------|---|
| <b>Wireless Pro 4 Ch Full</b> |   |
| 2532119                       | WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU                     |
| 2532981                       | WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS           |
| 2532982                       | WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532981 |
| 2532118                       | WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532981 |
| 2532994                       | WPRO Full 4CH- LP3 EN-DA-SV-NO-FI-RU Plug EU                              |

#### Standard Accessories

|         |   |
|---------|---|
| 00113X  | Remote control (x1) full                  |
| 984350  | Stimulation modules (x4)                  |
| 6831XX  | Smart 4 CH docking station                |
| 6490XX  | AC adaptor                                |
| 601163  | USB cable                                 |
| 46262XX | User manual and practical guide on CD/USB |
| 885932  | Quick start guide/warning leaflet         |
| 602047  | Bottle of gel                             |
| 980020  | Motor point pen                           |
| 680041  | Carrying case                             |
| 1494    | Lanyards                                  |
| 5529024 | White protection sleeve                   |
| 5528535 | Blue protection sleeve                    |
| 5529220 | Set of colored module clips               |

#### Optional Accessories

|         |                     |
|---------|---------------------|
| 00113X  | Remote control      |
| 984350  | Stimulation modules |
| 6522053 | Stimulation straps  |

#### Waveforms



- Symmetrical Biphasic 100% compensated

# Muscle Intelligence™ Technology

## The ultimate in precision quality: mi technology

Developed in our research laboratories, Compex's revolutionary and exclusive Muscle Intelligence™ technology automatically adjusts and tailors stimulation parameters to each patient's physical characteristics. This automatic personalization makes the treatment more efficient and comfortable for the patient.



### mi-SENSOR

The sensor forms an interactive link between the muscle and the stimulator. It gives you access to 4 functions:

### mi-SCAN

: A Personal Touch

This function uses the sensor to determine and tailor the optimal stimulation parameters to each patient and for each session.

### mi-ACTION

: Involving the Patient

Combined active exercise allows the therapist to better incorporate electrotherapy into treatments. Mi-Action allows patients to trigger the stimulation with their own active muscle contraction.

### mi-TENS

: Self-Regulating Pain Therapy

A continuous control of the stimulation energy in order to eliminate unwanted contractions during a pain relief program.







### mi-RANGE

: Controlling Energy


In order to enhance optimal contractions in low-frequency programs (i.e endorphin) the Mi-Range indicates the minimum and maximum energy level to the therapist.



# Selection Guide

| PRODUCT  | THERAPEUTIC INDICATIONS |              |               |              |                       |
|--|-------------------------|--------------|---------------|--------------|-----------------------|
|  | PAIN RELIEF             | MUSCLE REHAB | WOUND HEALING | INCONTINENCE | INCREASED CIRCULATION |
|  <p>Rehab X2</p>     | ✓                       | ✓            | ✓             |              | ✓                     |
|  <p>Peristim Pro</p> | ✓                       |              |               | ✓            |                       |
|  <p>Primo Pro</p>   | ✓                       |              | ✓             |              |                       |
|  <p>Basic</p>      | ✓                       |              | ✓             |              |                       |
|  <p>Easy</p>       | ✓                       |              |               |              |                       |
|  <p>Femina</p>     | ✓                       | ✓            |               |              | ✓                     |

## Cefar® Rehab X2

| Ordering Information   |   |
|--|---|
| Part Number  | Description   |
| Cefar Rehab X2   |   |
| 2942   | Rehab X2, Complete kit including hand switch (EN-ES-FR-IT-SE-DE-PT-FN-TU) |
| Standard Accessories   |   |
| 1240   | Set of Lead Wires (2 pcs)   |
| 2948   | Cefar Rehab X2 User Manual (EN-ES-FR-IT-SE)                               |
| 1559   | Cefar Bag (Black), 2ch  |
| 1495   | Cefar Neck Strap  |
| 1551   | Batteries, Alk 1.5V AA (2 pcs)  |
| 1845   | Hand Switch   |
| Optional Accessories   |   |
| 1570   | Fast Charger 12V  |
| 1575   | Rechargeable Batteries 1800 mAh   |
| For Electrodes, please see pages 17-18   |   |
| Technical Specifications   |   |
| Number of Channels:  | 2   |
| Number of Programs:  | 27 preset, 3 programmable   |
| Constant Current:  | Up to a resistance of Max 1000 Ohm/channel                                |
| Maximum Amplitude:   | 99.5 mA   |
| Intensity Increments:  | Minimum 0.5 mA  |
| Max Pulse Duration/Width:  | 400 $\mu$ seconds   |
| Frequency:   | 1-120 Hz  |
| Power Source:  | 2x1.5V AA   |
| Dimensions*:   | 120 x 30 x 50 mm  |
| Weight:  | 180g, including 2 AA batteries  |
| Electrical Safety Class:   | Class II, Type BF   |
| Safety Tests:  | IEC 60601-1, IEC 60101-1-2  |
| * Dimensions are listed as L x W x H   |   |
| Waveforms  |   |
|  | • Symmetrical Biphasic 100% compensated                                   |



### Cefar Rehab X2

The Cefar Rehab X2 offers 30 programs covering a large number of indications.

#### Features

- TENS: Cefar Flow TENS, mixed frequency (Han-stimulation), several pain relief programs
- NMES: Rehab programs for neurological and orthopaedic rehabilitation
- Alternating stimulation, strength programs with active rest, warm up, recovery and massage programs

#### Technology

- Cefar Easy Touch™: Automatic Intensity Adjustment - At the press of a button, the intensity is automatically set and adjusted according to the results of the Auto test analysis Cefar Easy Touch makes treatment easier and ensures stimulation takes place at an optimal and effective level
- Programmable: Cefar Rehab X2 allows the therapist to create and save three personal programs

- Cefar Flow Tens: A preset program featuring a comfortable stimulation method. Use both channels at the same time to combine pain relief with a pleasant massaging sensation. Other advantages: backlit screen, pause function, program lock, timer, key lock, self check and compliance
- Two year warranty

#### Advantages

- Cefar Clinical Guide (CCG™): Comprehensive information about the most common indications can be found in the user manual. Find guidelines and suggested programs with photos of electrode placements for the most common indications
- Hand Switch: The hand switch allows manual adjustment of the contraction time in intermittent stimulation programs, thereby ensuring effective and personalized treatment



# Cefar® Peristim Pro



## Cefar Peristim Pro

### Electrostimulation for treating incontinence

Cefar Peristim Pro has 9 preset programs to treat stress incontinence, mixed incontinence, urge incontinence, pain related to urinary disorders (e.g. cystitis) and sacral nerve stimulation or acupuncture point stimulation in urge incontinence treatment.

### Features

- Stimulation Using Vaginal and/or Anal Probe or Surface Electrodes
- Programmable: Cefar Peristim Pro allows you to add 3 personalized programs
- Backlit Screen: Cefar Peristim Pro has a larger screen and the backlight makes it much easier to read, even if the surrounding light is poor
- Other advantages: pause function, program lock, key lock, compliance, self check
- Two year warranty



## Ordering Information

### Part Number Description

#### Cefar Peristim Pro

|          |  |
|----------|--|
| 1480-EXP | Cefar Peristim Pro, Complete kit (EN-DE-FR-IT-NL-SE-SP) - Probe Not Included |
|----------|--|

#### Standard Accessories

|      |   |
|------|---|
| 1240 | Set of Lead Wires (2 pcs)                             |
| 1566 | Cefar Peristim Pro User Manual (EN-DE-FR-IT-NL-SE-SP) |
| 1559 | Cefar Bag (Black), 2ch                                |
| 1495 | Cefar Neck Strap                                      |
| 1551 | Batteries, Alk 1.5V AA (2 pcs)                        |

#### Optional Accessories

|      |  |
|------|--|
| 1570 | Fast Charger 1.2V                          |
| 1575 | Rechargeable Batteries, Alk 1.5V AA (2pcs) |

For Electrodes, please see pages 17-18

## Technical Specifications

|                           |  |
|---------------------------|--|
| Number of Channels:       | 2  |
| Number of Programs:       | 9 preset, 3 programmable                   |
| Constant Current:         | Up to a resistance of Max 1000 Ohm/channel |
| Maximum Amplitude:        | 99.5 mA                                    |
| Intensity Increments:     | Minimum 0.5 mA                             |
| Max Pulse Duration/Width: | 300 $\mu$ seconds                          |
| Frequency:                | 120 Hz                                     |
| Power Source:             | 2x1.5V AA                                  |
| Dimensions*:              | 120 x 30 x 50 mm                           |
| Weight:                   | 180g, including battery                    |
| Electrical Safety Class:  | Class II, Type BF                          |
| Safety Tests:             | IEC 60601-1, IEC 60101-1-2                 |


\* Dimensions are listed as L x W x H

## Waveforms



- Symmetrical Biphasic 100% compensated

## Cefar® Primo Pro

| Ordering Information  |   |
|---|---|
| Part Number   | Description   |
| Cefar Rehab X2  |   |
| 1471-EXP  | Cefar Primo Pro, Complete kit (DE-EN-ES-IT-FR-PT-FN)  |
| 1471  | Cefar Primo Pro, Complete kit (SE-NL-NO)              |
| Standard Accessories  |   |
| 1240  | Set of Lead Wires (2pcs)                              |
| 1563  | Cefar Primo Pro User Manual (DE-EN-ES-IT-NL-NO-PT-FN) |
| 1571  | Cefar Primo Pro User Manual (FR-SE)                   |
| 1559  | Cefar Bag (Black), 2ch                                |
| 1495  | Cefar Neck Strap                                      |
| 1551  | Batteries, Alk 1.5V AA (2 pcs)                        |
| Optional Accessories  |   |
| 1570  | Fast Charger 12V                                      |
| 1575  | Rechargeable Batteries 1800 mAh                       |
| For Electrodes, please see pages 17-18  |   |
| Technical Specifications  |   |
| Number of Channels:   | 2   |
| Number of Programs:   | 7 preset, 3 programmable                              |
| Constant Current:   | Up to a resistance of Max 1500 Ohm/channel            |
| Maximum Amplitude:  | 60 mA   |
| Intensity Increments:   | Minimum 0.5 mA  |
| Max Pulse Duration/Width:   | 300 $\mu$ seconds                                     |
| Max Frequency:  | 120 Hz  |
| Power Source:   | 2x1.5V AA   |
| Dimensions*:  | 120 x 30 x 50 mm                                      |
| Weight:   | 180g, including battery                               |
| Electrical Safety Class:  | Class II, Type BF                                     |
| Safety Tests:   | IEC 60601-1, IEC 60101-1-2                            |
| * Dimensions are listed as L x W x H  |   |
| Waveforms   |   |
|  | • Asymmetrical Biphasic 100% compensated              |



### Features

Cefar Primo Pro offers TENS programs to treat different kinds of pain. It has 7 preset treatment programs, plus 3 open slots for creating personalized programs:

- P1: TENS CONVENTIONAL
- P2: BURST/ENDORPHIN
- P3: MODULATED PULSE DURATION STIMULATION
- P4: TREATMENT OF SENSITIVE AREAS
- P5: MIXED FREQUENCY TENS
- P6: TREATMENT OF NAUSEA
- P7: CEFAR FLOW TENS - 4 electrodes
- P8-10: PERSONALIZED PROGRAM

### Technology

- Cefar Easy Touch™: Automatic Intensity Adjustment - At the press of a button, the intensity is automatically set and adjusted according to the results of the Auto test analysis. Cefar Easy Touch makes treatment easier and ensures stimulation takes place at an optimal and effective level
- 2 Independent Channels: Perform a treatment using two different programs simultaneously
- Programmable: Cefar Primo Pro has 3 open slots for personalized programs
- Backlit Screen: The Cefar Primo Pro has a larger screen and the backlight makes it much easier to read, even if the surrounding light is poor. Other advantages: pause function, program lock, key lock, compliance, self check
- Two year warranty



# Cefar® Basic



## Cefar Basic

A pain relief stimulator meeting all the basic needs

Cefar Basic offers TENS programs for most of the common pain indications. Cefar Basic has 3 preset treatment programs: TENS Conventional, TENS Burst and Modulated TENS (pulse width) programs.

## Features

- Cefar Easy Touch™: Automatic Intensity Adjustment - At the press of a button, the intensity is automatically set and adjusted according to the results of the Auto test analysis. Cefar Easy Touch™ makes treatment easier and ensures stimulation takes place at an optimal and effective level
- Backlit Screen: The Cefar Basic has a larger screen and the backlight makes it much easier to read, even if the surrounding light is poor. Other advantages: pause function, program lock, key lock, compliance, self check
- Two year warranty



## Ordering Information

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

### Cefar Basic

|          |   |
|----------|---|
| 1490-EXP | Cefar Basic, Complete kit (DE-EN-ES-FR-IT-NL-NO-SE) |
|----------|---|

### Standard Accessories

|      |                          |
|------|--------------------------|
| 1240 | Set of Lead Wires (2pcs) |
|------|--------------------------|

|      |   |
|------|---|
| 1567 | Cefar Basic User Manual (DE-EN-ES-FR-IT-NL-NO-SE) |
|------|---|

|      |                        |
|------|------------------------|
| 1559 | Cefar Bag (Black), 2ch |
|------|------------------------|

|      |                  |
|------|------------------|
| 1495 | Cefar Neck Strap |
|------|------------------|

|      |                                |
|------|--------------------------------|
| 1551 | Batteries, Alk 1.5V AA (2 pcs) |
|------|--------------------------------|

### Optional Accessories

|      |                   |
|------|-------------------|
| 1570 | Fast Charger 1.2V |
|------|-------------------|

|      |                                 |
|------|---------------------------------|
| 1575 | Rechargeable Batteries 1800 mAh |
|------|---------------------------------|

For Electrodes, please see pages 17-18

## Technical Specifications

|                     |   |
|---------------------|---|
| Number of Channels: | 2 |
|---------------------|---|

|                     |          |
|---------------------|----------|
| Number of Programs: | 3 preset |
|---------------------|----------|

|                   |  |
|-------------------|--|
| Constant Current: | Up to a resistance of Max 1500 Ohm/channel |
|-------------------|--|

|                    |       |
|--------------------|-------|
| Maximum Amplitude: | 60 mA |
|--------------------|-------|

|                       |                |
|-----------------------|----------------|
| Intensity Increments: | Minimum 0.5 mA |
|-----------------------|----------------|

|                           |                   |
|---------------------------|-------------------|
| Max Pulse Duration/Width: | 180 $\mu$ seconds |
|---------------------------|-------------------|

|            |       |
|------------|-------|
| Frequency: | 80 Hz |
|------------|-------|

|               |           |
|---------------|-----------|
| Power Source: | 2x1.5V AA |
|---------------|-----------|

|              |                  |
|--------------|------------------|
| Dimensions*: | 120 x 30 x 50 mm |
|--------------|------------------|

|         |                         |
|---------|-------------------------|
| Weight: | 180g, including battery |
|---------|-------------------------|

|                          |                   |
|--------------------------|-------------------|
| Electrical Safety Class: | Class II, Type BF |
|--------------------------|-------------------|

|               |                            |
|---------------|----------------------------|
| Safety Tests: | IEC 60601-1, IEC 60101-1-2 |
|---------------|----------------------------|

\* Dimensions are listed as L x W x H

## Waveforms



- Asymmetrical Biphasic 100% compensated

## Cefar® Easy



### Ordering Information

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

Cefar Easy (Kit includes electrodes)

|        |   |
|--------|---|
| 1515-X | Cefar Easy, Complete Kit (FR = 1, DE = 2, ES = 3, EN = 4, IT = 5, SE = 6, NL = 8, PT = 9) |
|--------|---|

### Standard Accessories

|        |                                       |
|--------|---------------------------------------|
| 1260   | Lead Wire Snap Connection (2pcs)      |
| CC1517 | User Manual (FR-DE-ES-EN-IT-SE-NL-PT) |
| 1519   | Cefar Easy Neck Strap                 |
| 1551   | Batteries, Alk 1.5V AA (2pcs)         |
| 1559   | Cefar Bag (Black), 2ch                |

For Cefar Easy ordering use model number, hyphen, country number as indicated above. Example: Cefar Easy EN = CR1515-4  
For Electrodes, please see pages 17-18

### Technical Specifications

|                           |  |
|---------------------------|--|
| Number of Channels:       | 1  |
| Number of Programs:       | 2 preset programs each, for back and neck  |
| Constant Current:         | Up to a resistance of Max 1000 Ohm/channel |
| Maximum Amplitude:        | 60 mA                                      |
| Intensity Increments:     | Minimum 0.5 mA                             |
| Max Pulse Duration/Width: | 300 $\mu$ seconds                          |
| Max Frequency:            | 80 Hz                                      |
| Power Source:             | 2x1.5V AA                                  |
| Dimensions*:              | 52 x 30 x 125 mm                           |
| Electrical Safety Class:  | Class II, Type B                           |
| Safety Tests:             | IEC 60601-1, IEC 60101-1-2                 |

\* Dimensions are listed as L x W x H

### Waveforms



• Symmetrical Biphasic 100% compensated

### Cefar Easy

Treating cervical, back and lumbar pain using TENS treatment

#### Features

- Treat back pain simply and rapidly using the Cefar Easy lumbar belt. The belt ensures comfort and optimal electrode placement every time. The Cefar Easy stimulator is stored in the belt pouch
- Cefar Easy has two analgesic stimulation modes: TENS Gate control and low-frequency relaxing massage stimulation
- 2 year warranty
- Neck Strap: The stimulator comes with a detachable neck strap and belt clip making it easy to use at home



# Cefar® Femina



## Cefar Femina

For the modern woman, before, during and after childbirth

### Features

- Cefar Femina provides pain relief during labor with no side effects to mother or child
- Cefar Femina provides solutions to problems with pregnancy and post pregnancy: swollen feet, neck and shoulder pain, and loss of muscular elasticity
- 2 year warranty
- Neck Strap: The stimulator comes with a detachable neck strap and belt clip making it easy to use at home

### Ordering Information

| Part Number                            | Description  |
|--|--|
| Cefar Femina (Kit includes electrodes) |  |
| CC1830                                 | Cefar Femina, Complete kit (FR-DE-ES-EN-IT-SE-NL-PT) |

### Standard Accessories

|      |                                       |
|------|---------------------------------------|
| 1240 | Set of Lead Wires (2pcs)              |
| 1840 | User Manual (FR-DE-ES-EN-IT-SE-NL-PT) |
| 1495 | Cefar Femina Neck Strap               |
| 1845 | Cefar Femina Hand Switch              |
| 1551 | Batteries, Alk 1.5V AA (2pcs)         |
| 1559 | Cefar Bag (Black), 2ch                |

For Electrodes, please see pages 17-18

### Technical Specifications

|                           |  |
|---------------------------|--|
| Number of Channels:       | 2  |
| Number of Programs:       | 5 preset                                   |
| Constant Current:         | Up to a resistance of Max 1500 Ohm/channel |
| Maximum Amplitude:        | 60 mA                                      |
| Intensity Increments:     | Minimum 0.5 mA                             |
| Max Pulse Duration/Width: | 300 $\mu$ seconds                          |
| Max Frequency:            | 80 Hz                                      |
| Power Source:             | 2x1.5V AA                                  |
| Dimensions*:              | 120 x 30 x 50 mm                           |
| Electrical Safety Class:  | Class II, Type BF                          |
| Safety Tests:             | IEC 60601-1, IEC 60101-1-2                 |

\* Dimensions are listed as L x W x H

### Waveforms



- Symmetrical Biphasic 100% compensated




## Primera TENS™



| Ordering Information  |  |
|---|--|
| Part Number   | Description  |
| Primera TENS  |  |
| 77621   | Primera TENS/NMES International  |
| Complete kit includes manual, lead wires (2), garment belt, battery, and electrodes in the plastic case |  |
| Standard Accessories  |  |
| 77616   | Primera Unit Sliding Back Cover  |
| 77622   | User's Manual  |
| 77623   | Carrying Case  |
| 77619   | Leadwire Set - 2 each  |
| 77620   | Electrode Positioner Belt for the Back   |
| 200001-001  | Energizer 9-volt   |
| 42192   | Dura-Stick+ 5 cm Round Reorder Electrodes (Includes 10 packs of 4 electrodes in each pack) |
| For Electrodes, please see page 32  |  |

| Technical Specifications             |  |
|--------------------------------------|--|
| Number of Channels:                  | 2  |
| Number of Programs:                  | 14   |
| Constant Voltage:                    | Up to a resistance of 1000 ohms            |
| Maximum Amplitude:                   | 40mA @1000ohms, 250 μs                     |
| Output Intensity:                    | 0-60, adjustable in 0.5 steps              |
| Max Pulse Duration/width:            | Up to 250 μseconds                         |
| Max Frequency:                       | 1,000 Hz                                   |
| Power Source:                        | PP3 Alkaline, 9V battery                   |
| Dimensions*:                         | 108 x 65 x 23 mm                           |
| Weight:                              | 70 g without battery, 100 g with battery   |
| Electrical Safety Class:             | Class IIa, Type BF                         |
| Safety Test:                         | IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 |
| * Dimensions are listed as L x W x H |  |

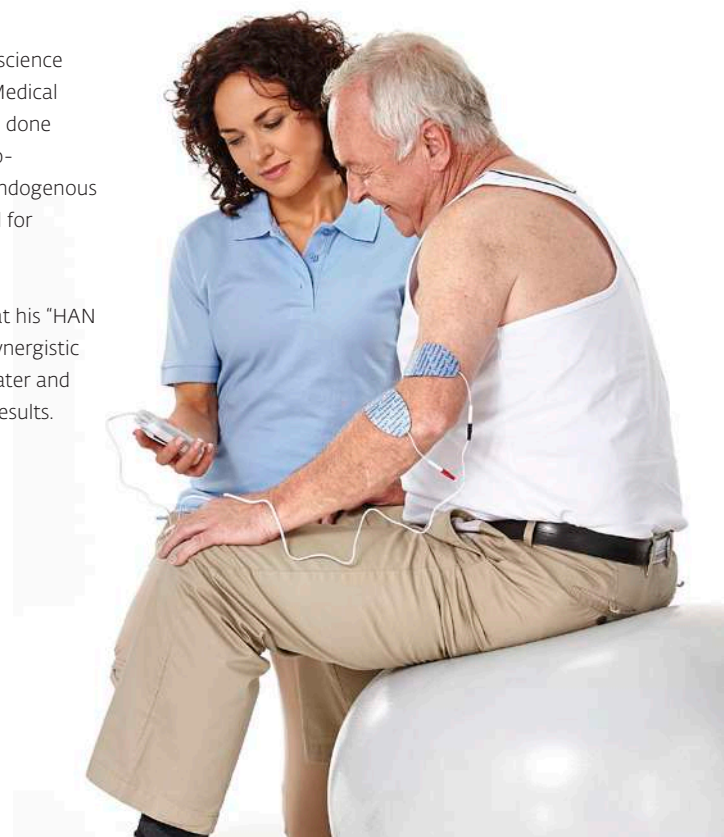
| Waveforms   |  |
|---|--|
|  | <ul style="list-style-type: none"> <li>Asymmetrical, rectangular bi-phasic with zero DC Current</li> </ul> |

### Features

- Extensive range of programs – 8 TENS and 6 NMES Programs
- The HAN TENS Waveform\*, further differentiates PRIMERA
- The PRIMERA features a proven circuit design with over 10 years of reliable performance
- Complete package includes: PRIMERA Unit, Carrying Case, Battery, Leadwires, Dura-Stick Electrodes, Back Support Belt and User's Manual
- 2 Year Warranty (Unit Only)

\* Dr. Ji Sheng Han at the Neuroscience Research Institute at Beijing Medical University in Beijing China has done extensive research into electro-acupuncture and the role of endogenous opioid peptides in pain control for decades.

Dr. Han has demonstrated that his "HAN TENS Waveform" produce a synergistic analgesic effect for faster, greater and more long-lasting pain relief results.





## Features

- 2 Channels of stimulation output
- 13 Pre-set programs including 5 quick select programs for ease of use
- Modern design and soft push buttons for comfortable use
- Adjustable timer
- Unit features include 5 stimulation programs
  - Pulse
  - Burst
  - Continuous
  - Mixed Frequency
  - Multi-modulation
- Easy to read LCD display and convenient easy to use controls
- 2 year warranty (unit only)



## Ordering Information

| Part Number      | Description                                       |
|------------------|---|
| EMPI Direct TENS |   |
| 2527116          | Direct TENS (EN-FR-SP-IT-NL-SE-PT-FI-SE-DK-NO-TU) |

## Standard Accessories

|            |   |
|------------|---|
| 880043     | User Manual CD ROM  |
| 193068-100 | Set of 2 Leadwires  |
| 1551       | 2 AA Alkaline Batteries                                       |
| 42190      | Dura-Stick 5 x 5 cm Square Electrodes (4 electrodes per pack) |
| 66800637   | Small Pouch   |

For Electrodes, please see page 32

## Technical Specifications

|                           |  |
|---------------------------|--|
| Number of Channels:       | 2  |
| Number of Programs:       | 13   |
| Constant Voltage:         | Up to a resistance of 1000 ohms                            |
| Maximum Amplitude:        | 40mA @1000ohms, 250 µs                                     |
| Output Intensity:         | 0-60, adjustable in 0.5 steps                              |
| Max Pulse Duration/width: | Up to 250 µseconds   |
| Max Frequency:            | 1,000 Hz   |
| Power Source:             | 2 x 1.5V AA Batteries or 2x 1.2V AA rechargeable batteries |
| Dimensions*:              | 110 x 70 x 30 mm   |
| Weight:                   | 165 g (Including batteries)                                |
| Electrical Safety Class:  | Class IIa, Type BF   |
| Safety Test:              | IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10                 |

\* Dimensions are listed as L x W x H

## Waveforms



- Asymmetrical Biphasic 100% compensated

### Ordering Information

Packaged unit includes TENS, or NMES unit, set of lead wires, package of DURA-STICK self-adhesive electrodes, 9 V battery, operations manual and convenient carrying case.

#### Part Number Description

#### Intelect TENS

|       |                        |
|-------|------------------------|
| 77720 | Intelect TENS Economy  |
| 77724 | Intelect TENS Digital  |
| 77598 | Intelect TENS Standard |

#### Intelect NMES

|       |                        |
|-------|------------------------|
| 77721 | Intelect NMES Portable |
| 77722 | Intelect NMES Digital  |

#### Intelect INTERFERENCIAL

|       |                       |
|-------|-----------------------|
| 77723 | Intelect IFC Portable |
|-------|-----------------------|

For Electrodes, please see page 32

### Technical Specifications

#### TENS Economy, TENS Standard & TENS Digital

|                  |   |
|------------------|---|
| Channel:         | Dual, isolated                                    |
| Waveform:        | Asymmetric biphasic square pulse                  |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load)    |
| Pulse Width:     | 60-250 $\mu$ sec. adjustable (Economy & Standard) |
| Pulse Width:     | 50-300 $\mu$ sec. adjustable (Digital)            |
| Pulse Frequency: | 2-150 Hz adjustable                               |

#### NMES Portable

|                  |  |
|------------------|--|
| Channel:         | Dual, isolated                                 |
| Waveform:        | Asymmetric biphasic square pulse               |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load) |
| Pulse Width:     | 250 $\mu$ sec.                                 |
| Pulse Frequency: | 5, 30, 100 Hz                                  |

#### NMES Digital

|                  |  |
|------------------|--|
| Channel:         | Dual, isolated                                 |
| Waveform:        | Asymmetric biphasic square pulse               |
| Pulse Amplitude: | 0-80 mA each channel adjustable (500 ohm load) |
| Pulse Width:     | 50-300 $\mu$ sec. adjustable                   |
| Pulse Frequency: | 2-120 Hz, adjustable                           |

#### IFC

|                  |                                       |
|------------------|---------------------------------------|
| Channel:         | Single for 2 pole or Dual for 4 pole  |
| Waveform:        | Symmetric biphasic square             |
| Pulse Amplitude: | 0-32 mA, adjustable (at 500 ohm load) |
| Pulse Width:     | 125 $\mu$ sec./phase                  |
| Pulse Frequency: | 4000 $\pm$ 10% Hz fixed               |

\* Dimensions are listed as L x W x H

## Intelect® TENS/NMES/IFC

Intelect® TENS Economy  
Intelect® TENS Standard  
Intelect® NMES Portable



Intelect® TENS Digital  
Intelect® NMES Digital



Intelect® IFC Portable



### Features

#### Intelect® TENS

For symptomatic relief and management of chronic pain and acute post-surgical or post-trauma pain.

- Dual independent channels
- Adjustable timer on standard and digital units
- Adjustable frequency and pulse duration parameters
- Basic and standard units feature three modes: burst, normal and modulation
- Digital unit features five modes:
  - Burst
  - Normal
  - Modulated rate and width
  - Strength duration and bi-pulse
- Digital unit has easy-to-read LCD display and convenient digital controls
- 2 year warranty (unit only)

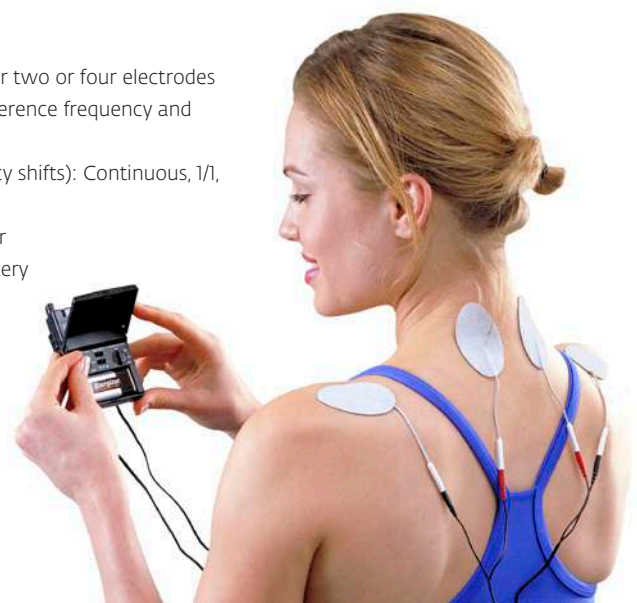
#### Intelect® NMES Portable

For the prevention of Disuse Atrophy as well as muscle re-education, increasing range of motion and increasing circulation.

- Dual independent channels
- Adjustable pulse amplitude, pulse frequency and contraction/relaxation time parameters
- Digital unit features:
  - Adjustable pulse width and timer parameters
  - Three stim modes: Synchronous, Constant, Alternate
  - Easy-to-read LCD display and convenient digital controls
- 2 year warranty (unit only)

#### Intelect® IFC

- Dual channel, manual selection for two or four electrodes
- Adjustable pulse amplitude, interference frequency and difference frequency parameters
- Four stimulation modes (frequency shifts): Continuous, 1/1, 8/8 and 10/10 Ramped
- Includes 120V AC line cord adapter
- Sliding cover for controls and battery
- 2 year warranty (unit only)

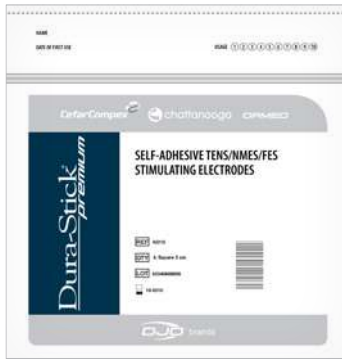


# Dura-Stick® Premium

## Features

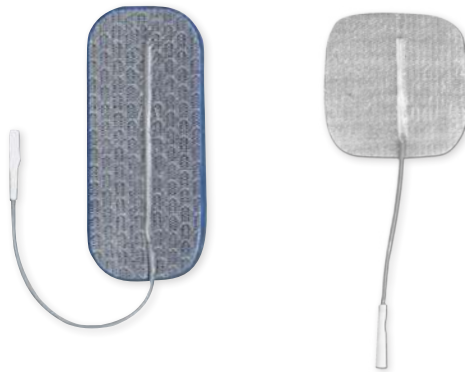
### Stainless Steel Electrodes

- Superior conductivity
- Unmatched electrode conformity – pliable material conforms to irregular body contours yet still maintains superior conductivity properties



### Blue Gel Electrodes

- Multi-layer adhesive gel that optimally bonds to the electrode layer and mesh (scrim) layer
- Gel is formulated to provide multiple applications to sensitive skin



# Dura-Stick® Plus

## Features

- Precise control and optimization of electrical current
- Comfortable and effective stimulation is achieved through the electrode
- Available in cloth or foam backing
- Available with lead wires, proprietary MI snap connection or standard clip



# Dura-Stick®

## Features

- Cost effective electrodes in which comfort and performance are not sacrificed
- White cloth backing aids in the conformity of the electrode to the skin



## Ordering Information

| Part Number        | Description                    |  |
|--------------------|--------------------------------|--|
| Dura-Stick Premium |                                |  |
| 42209              | 5 x 5 cm (2 x 2")              |  |
| 42210              | 5 x 9 cm (2 x 3.5")            |  |
| 42205              | 3.2 cm (1.25")                 |  |
| 42206              | 5 cm (2")                      |  |
| 42207              | 4 x 6 cm (1.5 x 2.5")          |  |
| 42208              | 8 x 13 cm (3 x 5") (2 pack)    |  |
| 42211              | 5 x 5 cm (2 x 2") blue gel     |  |
| 42212              | 4 x 9 cm (1.5 x 3.5") blue gel |  |

| Dura-Stick Plus |   |  |
|-----------------|---|--|
| 42198           | 5 x 5 cm (2 x 2") cloth                         |  |
| 42193           | 5 x 5 cm (2 x 2") foam                          |  |
| 42199           | 5 x 9 cm (2 x 3.5") cloth                       |  |
| 42194           | 5 x 9 cm (2 x 3.5") foam                        |  |
| 42200           | 5 x 10 cm (2 x 4") cloth - double wire (2 pack) |  |
| 42218           | 1.5 x 15 cm (0.5 x 6") cloth (6 pack)           |  |
| 42219           | 3.2 cm (1.25") cloth                            |  |
| 42197           | 5 cm (2") cloth                                 |  |
| 42192           | 5 cm (2") foam                                  |  |
| 42195           | 4 x 6 cm (1.5 x 2.5") foam                      |  |
| 42196           | 5 x 10 cm (2 x 4") foam                         |  |
| 42201           | 5 x 5 cm (2 x 2") cloth - clip                  |  |
| 42202           | 5 x 10 cm (2 x 4") cloth - clip                 |  |
| 42204           | 5 x 5 cm (2 x 2") cloth                         |  |
| 42203           | 5 x 10 cm (2 x 4") cloth - double snap (2 pack) |  |

| Dura-Stick Plus |                              |  |
|-----------------|------------------------------|--|
| 42188           | 5 x 5 cm (2 x 2") (2 pack)   |  |
| 42189           | 5 x 9 cm (2 x 3.5") (2 pack) |  |
| 42190           | 5 x 5 cm (2 x 2")            |  |
| 42191           | 5 x 9 cm (2 x 3.5")          |  |

Note: 4 electrodes per pack unless otherwise noted

## Ordering Information

### Part Number Description

#### A Saint-Cloud Classic

114.502+ Saint-Cloud CLASSIC 2-Ring Vaginal Probe (Length: 13 cm / Dia.: 2.5 cm) with 3-pin DIN connector

#### B Saint-Cloud Plus Vaginal Probe

114.610EXP Saint-Cloud PLUS Vaginal Probe (Length: 12.8 cm / Dia.: 2.4 cm) with 2 x 2 mm pin connectors

#### Optional Accessories

114.901 Monopolar cable

A14.920 Male 3-pin DIN adapter

#### Saint-Cloud Anal Probe

C 114.240+ Saint-Cloud Anal Probe (Length: 11 cm / Dia.: 1.3 cm) with 3-pin DIN connector

D 114.242+ Saint-Cloud anal probe, 2 x 2 mm pin connectors

#### E Finger Guard

114.121 Finger Guard: To manually search for stimulation points and for manual testing

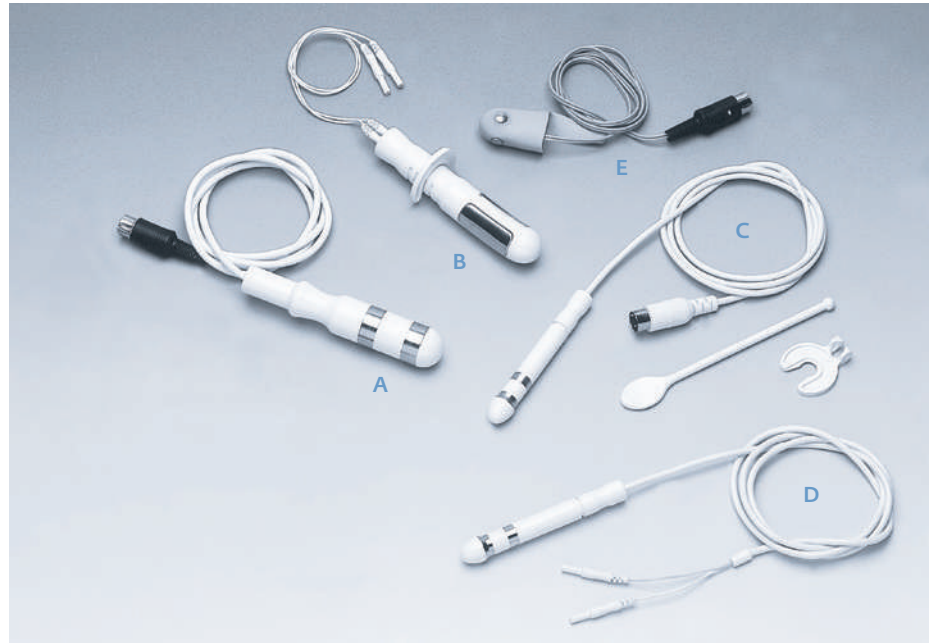
#### F Dura-Stick EMG Electrodes

42185 DURA-STICK EMG, 6 cm round electrodes, (100 electrodes/bag)

#### G Snap Adapters

1336 Snap Adapters

## Probes



### Features

#### A SAINT-CLOUD CLASSIC

##### 2-Ring Vaginal Probe

The ring electrodes permit stimulation of the entire vaginal wall. The elongated end facilitates holding. The constricted shape reduces the risk of expulsion during treatment.

#### B SAINT-CLOUD PLUS Vaginal Probe

The low, lateral position of the large electrodes facilitates muscle work and enhances stimulation comfort. The holding collar ensures that the probe is kept at the optimum penetration depth. The disconnection of the cables allows the probe to be fully immersed in a disinfecting bath.

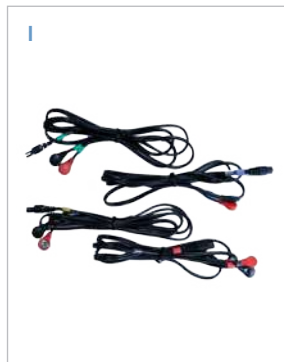
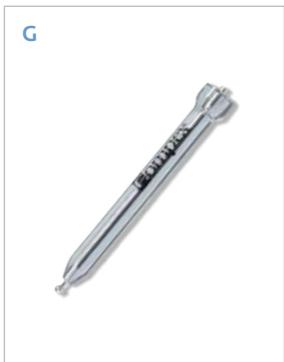
#### C SAINT-CLOUD Anal Probe

The 110° angulation ring permits puborectal and anal striated sphincter work. The holding tab helps to hold the probe in place and prevents the risk of expulsion during treatment.

#### G Snap Adapters

Adapters for connecting snap style electrodes to pin style lead wires. Snap adapters allow easy connection of snap electrodes to any Intellect® device.

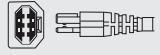

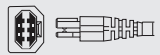

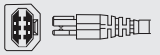

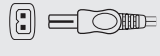



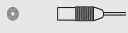

# Accessories



## Ordering Information

| Part Number                              | Description                        |
|--|------------------------------------|
| <b>A Cefar Easy Stimulation Belt</b>     |                                    |
| 111.947+                                 | Cefar Easy Belt                    |
| <b>B CefarComplex Gel</b>                |                                    |
| 602048                                   | CefarComplex Gel (250g)            |
| <b>C Fast Charger</b>                    |                                    |
| 1570                                     | Fast Charger, 1.2V                 |
| <b>D Mi-Sensor Lead Wire</b>             |                                    |
| 601160                                   | Mi-Sensor Lead Wire                |
| <b>E Charger</b>                         |                                    |
| 683010                                   | Charger, 9V - 1.4A - EU            |
| <b>F Cefar Neck Strap</b>                |                                    |
| 1495                                     | Cefar Neck Strap                   |
| <b>G Motor Point Pen</b>                 |                                    |
| 980026                                   | Motor Point Pen                    |
| <b>H Cable 6P Adapter for Probe</b>      |                                    |
| 601161                                   | Cable 6P Adapter for Probe         |
| <b>I Lead Wires with Snap Connectors</b> |                                    |
| 601131                                   | Lead Wires with Snap Connectors    |
| <b>J Lead Wires with Pin Connectors</b>  |                                    |
| 601132                                   | Lead Wires with Pin Connectors     |
| <b>Cefar Bag (Black)</b>                 |                                    |
| 1559                                     | Cefar Bag (Black, 2ch) (Not Shown) |

# Electrode Connector Reference Chart

| PRODUCT  | CONNECTORS  |                            |   |                                  | REFERENCE   |
|--|---|----------------------------|---|----------------------------------|---|
|  | UNIT CONNECTION   |                            | ELECTRODE CONNECTION  |                                  |   |
|  | CONNECTOR DIAGRAM   | CONNECTOR NAME             | CONNECTOR DIAGRAM   | CONNECTOR NAME                   |   |
| REHAB<br>THETA<br>PHYSIO   |    | 6P Complex Connector       |    | 2x2 mm male PIN Connectors       | Set of 4: 601132  |
|  |    | 6P Complex Connector       |    | 2 Snap Connectors                | Set: 601131<br>Red: 601061<br>Yellow: 601062<br>Green: 601063<br>Blue: 601064 |
|  |    | 6P Mi-Sensor               |    | 1 Snap Connector and 1 mi-Sensor | Set: 601160   |
| CEFAR REHAB X2<br>CEFAR BASIC<br>CEFAR FEMINA<br>CEFAR PRIMO PRO<br>CEFAR PERISTIM PRO |  | Cefar X2 Connector         |  | 2x2 mm male PIN Connectors       | Set of 2: 1240  |
| CEFAR EASY   |  | Cefar Non-Angled Connector |  | 2 Clip Connectors                | Set: 1260   |
| SAINT-CLOUD PLUS<br>VAGINAL PROBE  |   |                            |  | 2x2 mm female Sockets            | 114.610EXP  |
| SAINT-CLOUD CLASSIC<br>VAGINAL PROBE   |   |                            |  | 1 x male 3-pin DIN connector     | 114.502+  |
| SAINT-CLOUD<br>ANAL PROBE  |   |                            |   | 1 x male 3-pin DIN connector     | 114.240+  |
|  |   |                            |   | 2x2 mm female Sockets            | 114.242+  |

## Frequently Asked Questions

### **Are there any absolute counter-indications concerning the practice of electrostimulation?**

YES. You should never use the device if a patient has epilepsy or a cardiac stimulator (pacemaker). You should also never apply stimulation to the stomachs of pregnant women or people with a hernia or eventration.

### **Can people with prostheses or pins use Chattanooga electrostimulators?**

YES. Thanks to its 0 electrical mean, the current used meets medical standards and presents no risk of burns, even in the presence of metal implants.

### **Can women with intrauterine contraceptive devices practice perineal rehabilitation using a Chattanooga device?**

YES. The compensated current delivered by Chattanooga devices is risk-free, even in the presence of an intrauterine contraceptive device.

### **Are there any risks if the electrodes are placed incorrectly?**

NO. Incorrect placement of the electrodes presents no risk. Stimulation is simply less effective.

### **How do you find the exact motor point?**

The photos in the electrode placement booklet show their precise positions. To locate your own personal motor point even more accurately, you can move the positive electrode (red) slightly to see where you get the best muscle response.

### **Is tolerance to electrical intensity the same for everyone?**

NO. Each person has an individual sensitivity level that depends mainly on his/her make-up (fat, connective tissue, etc.).

### **Is it normal for the skin under the electrodes to be red after a session?**

Stimulation provokes localized increased blood circulation that may manifest itself as a slight redness that should disappear in a few minutes. If the redness persists, the problem is probably an allergic reaction and we recommend that you seek medical advice.

### **How many times can the electrodes be re-used?**

Between 15 and 30 times, depending on the skin type. 30 or so applications are possible if the skin is clean and free of oil.

### **What is the battery life?**

Battery life can depend on the programs used and the intensities selected. The average battery life is between 15 and 20 hours.

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