





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.



19

20

21

22

23

24

25

26

27

### Contents

Introduction	1
Comparative Template	3
Rehab	5
Theta	6
Physio	7
Wireless Pro 2Ch Standard	8
Wireless Pro 4Ch full	9
Muscle Intelligence Technology	11
Selection Guide	12
Cefar Rehab X2	13
Cefar Peristim Pro	14
Eclipse+ Digital	15
Direct TENS	16
Cefar Primo Pro	17
Cefar Basic	18



Cefar Easy

Cefar Femina

Primera TENS

Electrodes

Accessories

Probes

Intelect TENS/NMES/IFC

Electrode Connector Reference Chart

Frequently Asked Questions

# Portable Electrotherapy

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

# Comparative Template



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









REHAB	ТНЕТА	PHYSIO	WIRELESS PRO 2CH STANDARD	WIRELESS PRO 4CH FULL	
Wired	Wired	Wired	Wireless	Wireless	
Standard	Full	Optimum	Standard	Full	
4	4	4	2 Modules	4 Modules	
Χ	Х	Х	Х	Х	
Χ	Х	Х	Х	Х	
Χ	Х	Х	Х	X	
Χ	Х	Х	Х	X	
	X	X		X	
	Х	Х		X	
	X	X		X	
	X	Х		X	
		Х			
		Х			
		Х			
Χ	X	Χ	Χ	Χ	
Χ	X	Χ	Χ	Χ	
Χ	X	Χ	Χ	Χ	
Χ	X	Χ	Χ	Χ	
Mi-ready	2 Mi-cables	4 Mi-cables	2 Ch	4 Ch	
Mi-ready	2 Mi-cables	4 Mi-cables	2 Ch	4 Ch	
Mi-ready	2 Mi-cables	4 Mi-cables	2 Ch	4 Ch	
Mi-ready	2 Mi-cables	4 Mi-cables	2 Ch	4 Ch	
				X	
	X	Χ		X	
			Χ	X	
		Χ			

**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 inclu	ides 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 μs.	
Pulse frequency:	1 to 150 Hz.	
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) 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.

🔵 chattanooga

#### **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.



### Theta





#### 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 Rehabiliation 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	
	<ul> <li>Symmetrical Biphasic 100% compensated</li> </ul>

Ordering Inform	lation
Part Number	Description
Theta (Full kit incl	udes 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

2534815

2534816

**Optional Accessories** 

Theta EN-CZE-PL-RU Plug EU Theta EN-FR-IT-DE-SP-NL Plug US

Theta EN-FR-IT-DE-SP-NL Plug UK

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

Mi-sensor lead wire (1pc)

Antishock protection sleeve

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 μs.	
Pulse frequency:	1 to 150 Hz.	
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) 4.8 V 2000 mA/h.	
Dimensions:	138 x 95 x 33mm	
Weight:	300g battery included	

# Phys

sio	<b>chattanooga</b>

Ordering Information						
Part Number	Description					
Physio (Full kit inclu	ides 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

Channels: 4  Constant current: Up to a resistance of Max 1300 Ohm/channel  Maximum pulse intensity: 120 mA.  Pulse intensity 0.25 mA.  Pulse width: 30MS to 1000ms  Pulse frequency: 1 to 150 Hz.  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) 4.8 V 2000 mA/h.  Dimensions: 138 x 95 x 33mm	Tochnical Specifica	tions				
Constant current:  Up to a resistance of Max 1300 Ohm/channel  Maximum pulse intensity:  Pulse intensity increments:  Pulse width:  30MS to 1000ms  Pulse frequency:  1 to 150 Hz.  MDD:  Class Ila  IP class:  IP22  Type BF  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	Technical Specifications					
Constant current: channel  Maximum pulse intensity:  Pulse intensity:  O.25 mA.  Pulse width:  30MS to 1000ms  Pulse frequency:  1 to 150 Hz.  MDD:  Class IIa  IP class:  IP22  Type BF  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	Channels:	4				
intensity:  Pulse intensity increments:  Pulse width:  30MS to 1000ms  Pulse frequency:  1 to 150 Hz.  MDD:  Class Ila  IP class:  IP22  Type BF  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	Constant current:	•				
increments:  Pulse width:  30MS to 1000ms  Pulse frequency:  1 to 150 Hz.  MDD:  Class IIa  IP class:  IP22  Type BF  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	the state of the s	120 mA.				
Pulse frequency: 1 to 150 Hz.  MDD: Class IIa  IP class: IP22  Type BF  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	,	0.25 mA.				
MDD: Class IIa  IP class: IP22  Type BF  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	Pulse width:	30MS to 1000ms				
IP class: IP22  Type BF 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	Pulse frequency:	1 to 150 Hz.				
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) 4.8 V 2000 mA/h.  Dimensions: 138 x 95 x 33mm	MDD:	Class IIa				
Applied part: 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	IP class:	IP22				
Dimensions: 2000 mA/h.  2000 mA/h.  138 x 95 x 33mm	Applied part:	Comply with safety tests: IEC 60601-1,				
Service Servic	Battery 941213:					
Weight: 300g battery included	Dimensions:	138 x 95 x 33mm				
5500 54445	Weight:	300g battery included				



#### 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, Hyperidrosis, Urology or edema prevention.

#### **Features**

#### **Programs**

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

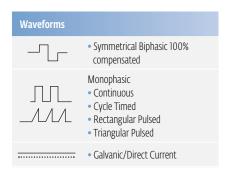
Creates and personalizes programs in order to customize the patient specific parameters.

#### **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.



### Wireless Pro 2Ch Standard





#### **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™ Tecnhology

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	
-7	<ul> <li>Symmetrical Biphasic 100% compensated</li> </ul>

Ordering Information				
Description				
TD2CH-LP1 EN-FR-SP-IT-DE- U-CZ Plug EU				
TD2CH-LP1 EN-FR-SP-IT-DE- U-CZ Plug EU UK US AUS				
TD2CH- LP3 EN-DA-SV-NO- ug 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

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 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: Remote control:	116 g incl. battery
Module:	62 g incl. battery
Docking station 2CH:	250g

### **Ordering Information Part Number** Description Wireless Pro 4 Ch Full WPRO Full 4CH- LPI EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532981 WPRO Full 4CH- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS 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	S
00113X	Remote control
984350	Stimulation modules
6522053	Stimulation straps

### Wireless Pro 4 Channel

### 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 (Full)

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

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

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™ Tecnhology

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.





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 Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10				
Power supplies:	Lithium polymer (LiPo) rechargeable $3.7[V] / \ge 1500[\text{mAh}].$				
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				



• Symmetrical Biphasic 100% compensated

#### 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.

### $ilde{\mathsf{m}}i$ -sensor

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

### $\mathbf{n}i$ -scan

: A Personal Touch This function uses the sensor to determine and tailor the optimal stimulation parameters

to each patient and for each session.

### $\mathbf{m}i$ -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.

## $\mathbf{m}i$ -tens

: Self-Regulating Pain Therapy A continuous control of the stimulation energy in order to eliminate unwanted contractions during a pain relief program.

### $\mathbf{m}i$ -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

		THERAPEUTIC INDICATIONS				
	PRODUCT	PAIN RELIEF	MUSCLE REHAB	WOUND HEALING	INCONTINENCE	INCREASED CIRCULATION
2811 3 tsl	Rehab X2	<b>√</b>	<b>√</b>	<b>√</b>		<b>√</b>
P2 . 0 d [280 325]	Peristim Pro	<b>√</b>			<b>√</b>	
580 3 IS	Eclipse+ Digital	<b>✓</b>				
030	Direct TENS	<b>✓</b>				
580 3 P	Primo Pro	<b>√</b>		<b>√</b>		
18 1 5 W	Basic	<b>✓</b>		<b>✓</b>		
53- T	Easy	<b>✓</b>				
PS91 1095 0851	Femina	<b>✓</b>	<b>✓</b>			<b>✓</b>
RE HAN	Primera TENS	<b>✓</b>	<b>✓</b>			

### **Ordering Information Part Number** Description Cefar Rehab X2 Rehab X2, Complete kit including hand 2942 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	
42198	Dura-Stick 5 x 5 cm (2 x 2") Square Electrodes cloth	

Optional Acces	sories
111.9604x	Rechargeable batteries and charger
For Electrodes, please see page 23	

Technical Speci	fications
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 μ 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 li	sted as L x W x H



### Cefar® Rehab X2



#### 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
- Three year warranty (unit only)

#### **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
- Three year warranty





### Ordering Information

	4.0		_		
Dort	Num	hor	Desc	rin	Inn

#### Cefar Peristim Pro

Cefar Peristim Pro, Complete kit (EN-DE-1480-EXP 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 page 23

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 μ 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 li	sted as L x W x H	

#### Waveforms

• Symmetrical Biphasic 100% compensated

### **Ordering Information Part Number** Description Eclipse+ Digital CC1508 Eclipse+ Digital Standard Accessories 1240 Set of Lead Wires (2pcs) Cefar Bag (Black), 2ch 1495 Cefar Neck Strap 111.960 Rechargeable batteries (x4) and charger Dura-Stick 5 x 5 cm (2 x 2") 42198 Square Electrodes cloth For Electrodes, please see page 23

Technical Speci	ifications
Number of Channels:	2
Number of Programs:	11
Constant Voltage:	Up to a resistance of 1500 ohms
Maximum Amplitude:	60mA @1500ohms, 400 μs
Output Intensity:	0-60, adjustable in 0.5 steps
Pulse width:	50-400 μseconds
Pulse rate:	1-120 Hz
Power Source:	2 x 1.5 V AA non-rechargeable or 2 x 1.2 V AA rechargeable batteries
Dimensions*:	120 x 50 x 30 mm
Weight:	180 g
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

## Eclipse+ Digital



#### Eclipse+ Digital

The Eclipse+ Digital is a dual channel TENS device that features 7 different modes of stimulation, variable pulse rate and pulse width settings, and independent amplitude controls to provide the maximum flexibility for customized pain relief treatments.

The stimulator has 11 user-defined treatment programs that can be programmed and stored in the device for the customized treatment of a wide range of pain conditions. Programs and amplitude can be individually set for each channel allowing for two different forms of stimulation to be used simultaneously.

#### **Features**

- 7 stim modes: Continuous, Strength Duration, Burst, Modulated Rate, Modulated Width, Combination Modulation, Mixed Frequency
- Simply choose your stimulation mode and set the parameters in order to design your patientspecific program. The program is then stored in the stimulator and can easily be used in clinic or for home treatment
- 2 Fully Independent Channels allow you to use 2 different programs at the same time
- Independent timer available for each channel making it possible to program each channel individually from o-60 minutes
- Program lock feature allows individual programs to be locked to prevent unintentional program modifications during clinical or home use
- Pause function enables adjustments to the initial electrodevplacement during treatment
- 2 different levels of compliance including individual patient usage time and total device usage time
- Auto stimulation mode assists the patient to easily find the optimal level of stimulation to ensure the maximum therapeutic outcome is achieved with each treatment
- · Equipped with a vivid backlight providing a dynamic view of the device status and screen functions in all lighting conditions
- The onboard microprocessor continually monitors the proper functioning of the device and will immediately report any errors or problems on the screen
- 3 year warranty (unit only)

## Direct TENS™



#### **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
- Lifetime warranty (unit only)

#### Ordering Information

Description Part Number

#### EMPI Direct TENS

Direct TENS

2527116 (EN-FR-SP-IT-NL-SE-PT-FI-SE-DK-NO-

Standard Accessories	
880043	User Manual CD ROM
193068-100	Set of 2 Leadwires
42190	Dura-Stick 5 x 5 cm Square Electrodes (4 electrodes per pack)
42198	Dura-Stick 5 x 5 cm (2 x 2") Square Electrodes cloth
66800637	Small Pouch
111.960	Rechargeable batteries (x4) and charger
For Electrodes, please see page 23	

Technical Spec	ifications
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





 Asymmetrical Biphasic 100% compensated

#### **Ordering Information Part Number** Description Cefar Rehab X2 Cefar Primo Pro, Complete kit 1471-EXP (DE-EN-ES-IT-FR-PT-FN) Cefar Primo Pro, Complete kit 1471 (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	
111.960	Rechargeable batteries (x4) and charger	
42198	Dura-Stick 5 x 5 cm (2 x 2") Square Electrodes cloth	
For Electrodes, ple	ease see page 23	

Technical Speci	fications
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 μ 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 I	isted as L x W x H

#### Waveforms



Asymmetrical Biphasic 100% compensated

### Cefar® Primo Pro



#### **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
- Three year warranty (unit only)





### 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
- Three year warranty (unit only)

#### Ordering Information

Part Number Description

#### Cefar Basic

Cefar Basic, Complete kit 1490-EXP (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	
111.960	Rechargeable batteries (x4) and charger	
42198	Dura-Stick 5 x 5 cm (2 x 2") Square Electrodes cloth	
For Electrodes, please see page 23		

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 μ 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 I	isted as L x W x H

#### Waveforms

Asymmetrical Biphasic 100% compensated





#### **Ordering Information**

Part Description Number

#### Cefar Easy (Kit includes electrodes)

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

#### Standard Accessories

Startdard / (CCC35011C3		
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 page 23

#### **Technical Specifications** Number of Channels: 2 preset programs each, for Number of Programs: Up to a resistance of Max Constant Current: 1000 Ohm/channel Maximum Amplitude: Intensity Increments: Minimum 0.5 mA Max Pulse Duration/Width: $300 \, \mu \, seconds$ Max Frequency: 80 Hz Power Source: 2x1.5V AA 52 x 30 x 125 mm **Electrical Safety Class:** Class II, Type B

#### \* Dimensions are listed as L x W x H

#### Waveforms



Symmetrical Biphasic 100% compensated

IEC 60601-1, IEC 60101-1-2

# Cefar® Easy



#### **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
- Three year warranty (unit only)
- 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
- Three year warranty (unit only)
- 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 page 23	

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 μ 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	хН

#### Waveforms

Symmetrical Biphasic 100% compensated





#### Ordering Information

**Part Number** 

Description

#### Primera TENS

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 23		

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 I	isted as L x W x H

#### Waveforms



 Asymmetrical, rectangular bi-phasic with zero DC Current

### Primera TENS™





#### **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 electroacupuncture 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.



# 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.

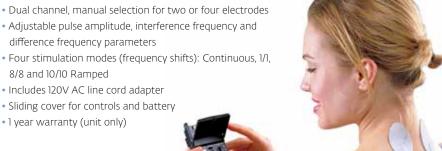
- Dual independent channels
- Adjustable timer on standard and digital units
- Adjustable frequency and pulse duration parameters
- Basic and standard units feature three modes: burst, normal and modulation
- Digital unit features five modes:
  - Burst
  - Normal
  - Modulated rate and width
  - Strength duration and bi-pulse
- Digital unit has easy-to-read LCD display and convenient digital controls
- 1 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
- 1 year warranty (unit only)

### Intelect® IFC





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	
77710	Intelect TENS Economy
77712	Intelect TENS Digital
77600	Intelect TENS Standard

Intelect NMES	
77715	Intelect NMES Portable
77717	Intelect NMES Digital

Intelect INTE	RFERENCIAL	
77719	Intelect IFC Portable	
For Electrodes, please see page 23		

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:	60-250µ sec. adjustable (Economy & Standard)	
Pulse Width:	50-300μ 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:	250μ 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:	50-300μ 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:	125μ sec./phase
Pulse Frequency:	4000+/-10% Hz fixed

\* Dimensions are listed as L x W x H

#### **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 4 x 9 cm (1.5 x 3.5") blue gel 42212

Dura-Stick Plu	S	
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 40/case	
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 40/case	
42195	4 x 6 cm (1.5 x 2.5") foam	
42196	5 x 10 cm (2 x 4") foam 4o/case	
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	mi
42203	5 x 10 cm (2 x 4") cloth - double snap (2 pack)	■ mi ■

Dura-Stick		
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 electro	des per pack unless otherwise noted	

## 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
- Comfortable and effective stimulation is achieved through the electrode
- SELF-ADHESIVE TENS/NMES/FES STIMULATING ELECTRODES
- · 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



### 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 Intelect® device.

#### Ordering Information

#### **Part Number** Description

#### A Saint-Cloud Classic

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

3-pin DIN connector

#### **B** Saint-Cloud Plus Vaginal Probe

Saint-Cloud PLUS Vaginal Probe (Length: 114.610EXP 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

Saint-Cloud Anal Probe (Length: 11 cm / **C** 114.240+ Dia.: 1.3 cm) with 3-pin DIN connector Saint-Cloud anal probe, 2 x 2 mm pin **D** 114.242+

connectors

#### E Finger Guard

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

#### F Dura-Stick EMG Electrodes

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

### G Snap Adapters

42185

Snap Adapters (2 pcs) 1336

#### Ordering Information

Part Number

Description

### A Cefar Easy Stimulation Belt

111.947+

Cefar Easy Belt

#### **B** CefarCompex Gel

602048

CefarCompex Gel (250g)

### C Rechargeable Batteries and Charger

Rechargeable batteries (x4) and charger

#### Mi-Sensor Lead Wire

601160

Mi-Sensor Lead Wire

#### E Cefar Neck Strap

Cefar Neck Strap

#### F Motor Point Pen

980026

Motor Point Pen

#### G Cable 6P Adapter for Probe

Cable 6P Adapter for Probe

#### H Lead Wires with Snap Connectors

601131 Lead Wires with Snap Connectors

#### I Lead Wires with Pin Connectors

601132

Lead Wires with Pin Connectors

#### Cefar Bag (Black)

1559

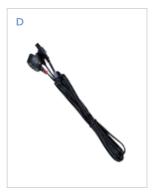
Cefar Bag (Black, 2ch) (Not Shown)

### Accessories







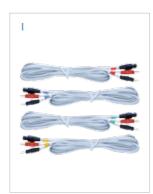












# Electrode Connector Reference Chart

	CONNECTORS				
PRODUCT	UNIT CONNECTION		ELECTRODE (	CONNECTION	REFERENCE
	CONNECTOR DIAGRAM	CONNECTOR NAME	CONNECTOR DIAGRAM	CONNECTOR NAME	
		6P Compex Connector		2x2 mm male PIN Connectors	Set of 4: 601132
REHAB THETA PHYSIO		6P Compex Connector		2 Snap Connectors	Set: 601131 Red: 601061 Yellow: 601062 Green: 601063 Blue: 601064
		6P Mi-Sensor		1 Snap Connector and 1 mi-Sensor	Set: 601160
CEFAR REHAB X2 CEFAR BASIC CEFAR FEMINA CEFAR PRIMO PRO CEFAR PERISTIM PRO		Cefar X2 Connector	• <del></del>	2x2 mm male PIN Connectors	Set of 2: 1240
CEFAR EASY	<b>8 - Mar</b>	Cefar Non-Angled Connector		2 Clip Connectors	Set: 1260
SAINT-CLOUD PLUS VAGINAL PROBE			•	2x2 mm female Sockets	114.610EXP
SAINT-CLOUD CLASSIC VAGINAL PROBE			© <b>=</b>	1 x male 3-pin DIN connector	114.502+
SAINT-CLOUD 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.



29	Portable Electrotherapy
_	
_	







DJO Canada | 6485 Kennedy road | Mississauga | Ontario | L5T 2W4 | CANADA

Email: canada.orders@DJOglobal.com