

# Wireless Professional

## Functional Rehab in Motion

The **Wireless Professional** is today's most advanced electrotherapy unit, offering enhanced ease-of-use and convenience while saving space and time to optimize patient treatment. By introducing the smart mi-Technology in each module and offering the best in market professional programs, this device reinvents functional rehabilitation as we know it: a combination of e-stim with active exercise allowing you to improve therapy efficiency and patient satisfaction.

- **Wireless technology:** 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:** Offers personalized stimulation, adapted to your patient's physiology. mi-SCAN, mi-TENS, mi-RANGE, mi-ACTION function available on every module.
- **Docking station:** Design adapted to professional needs, offering an easy and quick placement of the modules in the charging tablet and an extensible case to store electrodes and gels.
- **Travel facilities:** For external use, a modular system allows you to detach the charging tablet, and take it with you in a travelling case – a compact and convenient solution for outdoor use.
- **Remote control:** Design adapted to professional use with a silicon keypad which acts as a safeguard against water and gel penetration, and offers better ergonomic conditions in terms of keyboard use and buttons. In addition to that a protection sleeve is also available for the remote control.
- **Favorite programs:** Direct access to your favorite programs; in only three clicks you can start a stimulation session.
- **All the information at hand:** Electrode placements, program parameters and program explanation directly available in the remote control.
- **+TENS function:** In many clinical situations, a painful syndrome affects regions near the muscle group to be stimulated. To overcome this problem the +TENS function allows you to combine a TENS program with another program.
- **71 unique programs:** Specific programs make it easy for the PT to treat a patient with the optimal parameters. These indications cover Pain relief, Rehabilitation, Vascular, Neurologic rehabilitation, Conditioning and Aesthetic categories.
- **A detailed Practical Guide:** Guidelines, treatment recommendations and programs explanations are provided.
- **Motor point pen:** This useful tool together with the dedicated program helps ensure the optimal electrode placement.
- **Autonomy:** Daily use autonomy and with the charger included in the kit, a full cycle of recharging will take a maximum of 1.5 hours.
- **Two years warranty**



# Programs Offered

## Standard Package

Rehabilitation I	Pain relief I	Vascular	Conditioning I
Disuse Atrophy	TENS (100Hz)	Heavy Legs	Resistance
Reinforcement	Freq. Modulated TENS	Venous Insufficiency 1	Strength
Prev. of Disuse Atrophy	Pulse Width Modulated TENS	Venous Insufficiency 2	Active Recovery
Muscle Lesion	Endorphinic	Arterial Insufficiency 1	
Motor Point	Burst	Arterial Insufficiency 2	
	Burst TENS Alternated	Cramp Prevention	
	Decontracting	Capillarization	

## Optional Package

Rehabilitation II	Pain relief II	Neurologic rehabilitation	Aesthetic	Conditioning II
Hip prosthesis	TENS (80Hz)	Hemiplegic Foot	Toning	Potentialization
Patellofemoral syndrome	Knee Pain	Spasticity	Firming	Endurance
ACL	Trapezius Muscle Pain	Hemiplegic Shoulder	Shaping	Explosive Strength
Rotator Cuff	Shoulder Pain	Slow Start Neuro Rehabilitation	Elasticity	Plyometry
Lumbar Stabilisation	Fracture Pain		Calorilysis	Hypertrophy
Cardiac Rehabilitation	Cervical Pain		Adipostress	Muscle Building
Ago/Antago Atrophy	Thoracic Back Pain			Low Back Reinforcement
Ago/Antago Reinforcement	Low Back Pain			Core Stabilization
Atrophy (Mod. Freq.)	Lumbosciatica			Recovery Plus
Reinforcement (Mod. Freq.)	Lumbago			Toning Massage
Atrophy for Haemophiliacs	Epicondylitis			Relaxing Massage
Reinforcement for Haemophiliacs	Torticollis			Anti-Stress Massage
	Arthralgia			

# Muscle Intelligence

The muscle intelligence technology is unique in the market. It offers automatic personalized stimulation, adapted to each patient's physiology. The mi-SCAN, mi-TENS, mi-RANGE and mi-ACTION functions are available on every module. How it works:

### **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 intensity in order to eliminate unwanted contractions during a pain relief program.

### **mi-RANGE:** controlling intensity

In order to enhance optimal muscle twitches in low frequency programs (i.e. Endorphinic) the mi-RANGE indicates the minimum intensity level to the therapist.

# Ordering information

Chattanooga Wireless Professional STANDARD KIT  
(standard programs package) - includes:

Description	Reference	Quantity
Wpro Chatt Remote Control	6522039	1 Pc
Wpro Module	984350	4 Pc
Wpro Chatt Docking Station	683159	1 Pc
WS USB Cable	601163	1 Pc
WS Adapter - Fixed EU Plug + Suction Cup	649022	1 Pc
Dura-Stick+ Snap 5 x 10 cm Rect. 1 Snap 2/Pk	42223	2 Pc
Dura-Stick+ Snap 5 x 10 cm Rect. 2/Pk	42203	2 Pc
Dura-Stick+ Snap 5 cm Square 4/Pk	42204	2 Pc
Wpro Wallet	680041	1 Pc
Wpro RC Protection Sleeve	5529024	1 Pc
Wpro Chatt User Manual & Clinical Guide	See below	1 Pc
Wpro Necklace	1494	1 Pc
Wpro Motor Point Pen v2	980020	1 Pc
Bottle of Gel v5	602047	1 Pc

## Chattanooga Wireless Professional STANDARD KITS

Language	Kit Reference	Description	Part Reference	Quantity
French - FR	2532117	Wpro Chatt User Manual & Clinical Guide - FR	4528162	1 Pc
English - EN	2532961	Wpro Chatt User Manual & Clinical Guide - EN	4528163	1 Pc
Italian - IT	2532977	Wpro Chatt User Manual & Clinical Guide - IT	4528179	1 Pc
Spanish - ES	2532962	Wpro Chatt User Manual & Clinical Guide - ES	4528164	1 Pc
German - DE	2532963	Wpro Chatt User Manual & Clinical Guide - DE	4528165	1 Pc
Turkish - TR	2532964	Wpro Chatt User Manual & Clinical Guide - TR	4528166	1 Pc
Portuguese - PT	2532965	Wpro Chatt User Manual & Clinical Guide - PT	4528167	1 Pc
Dutch - NL	2532966	Wpro Chatt User Manual & Clinical Guide - NL	4528168	1 Pc
Greek - EL	2532967	Wpro Chatt User Manual & Clinical Guide - EL	4528169	1 Pc
Danish - DA	2532968	Wpro Chatt User Manual & Clinical Guide - DA	4528170	1 Pc
Swedish - SV	2532969	Wpro Chatt User Manual & Clinical Guide - SV	4528171	1 Pc
Norwegian - NO	2532970	Wpro Chatt User Manual & Clinical Guide - NO	4528172	1 Pc
Finnish - FI	2532971	Wpro Chatt User Manual & Clinical Guide - FI	4528173	1 Pc
Czech - CS	2532972	Wpro Chatt User Manual & Clinical Guide - CS	4528174	1 Pc
Russian - RU	2532974	Wpro Chatt User Manual & Clinical Guide - RU	4528176	1 Pc

## Chattanooga Wireless Professional FULL KITS (standard & optional programs package)

Description	Reference
Set Wireless Pro Chattanooga Full - FR	2532119
Set Wireless Pro Chattanooga Full - EN	2532981
Set Wireless Pro Chattanooga Full - IT	2532978
Set Wireless Pro Chattanooga Full - ES	2532982
Set Wireless Pro Chattanooga Full - DE	2532983
Set Wireless Pro Chattanooga Full - TR	2532984
Set Wireless Pro Chattanooga Full - PT	2532985
Set Wireless Pro Chattanooga Full - NL	2532986
Set Wireless Pro Chattanooga Full - EL	2532987
Set Wireless Pro Chattanooga Full - DA	2532988
Set Wireless Pro Chattanooga Full - SV	2532989
Set Wireless Pro Chattanooga Full - NO	2532990
Set Wireless Pro Chattanooga Full - FI	2532991
Set Wireless Pro Chattanooga Full - CS	2532992
Set Wireless Pro Chattanooga Full - RU	2532994

## Technical Specifications

- Number of channels: 4 independent and individually adjustable channels
- Number of preset, unique programs: 22 with standard package, 49 with optional package
- Pulse shape: constant rectangular current with pulse compensation
- Maximum amplitude: 120 mA
- Intensity: Manual adjustment (energy units) 0-999
- Intensity increments: Minimum 0.25 mA
- Pulse duration/Width: 30-400  $\mu$ seconds
- Frequency: 1-150 Hz
- Power source: Remote control: Lithium polymer (LiPo) rechargeable 3.7 V /  $\geq$  1500 mAh  
Module: Lithium polymer (LiPo) rechargeable 3.7 V /  $\geq$  450 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: 2.4 kg
- Electrical safety class: Class II, Type BF
- Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10

