

## Compex® 3 Professional

### 4 channels and 4 sensors: All you need for top performance!

Integrated electrotherapy and proposed treatments combining for a range of rehabilitation techniques and stimulation therapy. With Compex 3, this approach was taken one step further.

- Software, docking station and stimulator: To prepare and manage your daily treatment plans and monitor each individual patient, a patient interface establishes a link between your computer and Compex 3 by means of a docking station and a USB connection. The software features were designed with and for therapists: Compex 3 is a tool reserved for health care professionals
- Compex 3 provide preset treatment programs for muscular rehabilitation, pain relief, denervated muscles, hyperhidrosis and Iontophoresis as well as oedemas.
- Programmable: Create and personalize programs, in order to customize the parameters specific to patients.
- Mi-Technology provided with four Mi-Sensors included in the kit: Mi-Scan, Mi-Action, Mi-Tens and Mi-Range.
- Ti-Tens: Sensitivity is assessed Compex 3 helps you to determine the sensitivity level before starting a Gate control stimulation type session, tailored to each patient.
- Denervated treatments: Use your Compex 3 to determine whether denervation is total or partial. For a partial denervation Compex 3 performs an automatic ramp search.
- Iontophoresis: Available on one channel. Automatically calculates the advised electrical density.
- Organize your treatments
  - By creating a list of patients on your computer
  - By assigning personalized treatments
  - By transferring the list of patients to your Compex 3
  - By updating your list at any time
- History/Archiving: store information in the form of patient files.
- Synchronizing: Exchange user data and treatment plans between Compex 3 and your computer in seconds
- Tools: Compex 3 comes with a user Guide, practical guide and an electrode placement booklet. You have access to all the tools plus a video which shows all electrode placements in the software.
- Motor point pen: Included in the kit. This very useful tool together with the dedicated program, helps ensure the optimal electrode placement.
- Stimulator features:
  - i-button: Allows you to adjust the energy on all four channels at the same time. In pause mode the i-button allows you to monitor parameter settings of the program
  - Active rest : Automatic adjustment of the active rest energy to 50% of the contraction energy
  - Skip function: This function allows you to end a phase and move to the next phase
  - Pause: Make a pause of ongoing stimulation when electrodes need to be repositioned.
- Statistic mode provides you with useful information after a stimulation session like:
  - Numbers of contractions and total contraction time
  - Max stimulation energy level for contraction/channel
  - Average stimulation energy level for all channels in use



Common Treatment	Specific Treatment	Conditioning	Programming
Rehabilitation	Iontophoresis	Sport	TENS
Analgesic	Oedema	Fitness	NMES
Vascular	Denervated	Cross-Training	
	Agonist/Antagonist	Massage	
	Incontinence	Test	
	Spasticity		
	Haemophilia		
	Aesthetic		

- Rechargeable battery: With the recharger included in the kit, a full cycle of recharging will take a maximum of 2.5 hours.
- IPS (Independent Protection System) is implemented to survey all pulses generated from the 4 channels. If the energy is sent out in an unwanted way, the protection system immediately stops any transfer of energy and turns off the device.
- Two year warranty



## ORDERING INFORMATION

### Complex 3

All kits below include electrodes

- 513100** – Complex 3 Kit, (FR) with EU plug
- 513101** – Complex 3 Kit, (DE) with EU plug
- 513102** – Complex 3 Kit, (EN) with EU plug
- 513103** – Complex 3 Kit, (ES) with EU plug
- 513104** – Complex 3 Kit, (NL) with EU plug
- 513105** – Complex 3 Kit, (IT) with EU plug
- 513109** – Complex 3 Kit, (EN) with UK plug
- 513111** – Complex 3 Kit, (ES) with US plug

### A Kit includes:

- 1 docking station
- 1 charger
- 1 set of 4 Snap-connection cables
- 1 set of 4 wired connection cables
- 4 cables equipped with the mi-SENSOR system
- 1 adaptor cable for anal or vaginal probe
- 1 cable with USB port
- 1 motor point pen
- 6 bags of electrodes
- 1 set of electrodes for Denervated programs
- 1 set of electrodes for the Iontophoresis programs
- 1 user manual
- 1 practical and clinical guide
- 1 electrode placement booklet
- 1 bottle of gel (260 g)
- 1 protective cover
- 1 belt clip
- 1 carrying case
- 1 software installation CD Rom (PC interface)
- 1 rechargeable NiMH battery

## TECHNICAL SPECIFICATIONS

Number of Channels: 4

Number of Programs: 92

Number of preset, unique programs, including levels: 229

Constant Current: Up to a resistance of Max 1300 Ohm/channel

Power Source: NiMH, Nickel metal hydride 4.8V, 2000 mAh

Dimensions: (LxWxH) 138 x 95 x 33 mm

Weight: 250-350g, including battery

Electrical Safety Class: Class II, Type BF

Safety Tests: IEC 60601-1, IEC 60101-1-2, IEC 60601-2-10

### Symmetrical Biphasic Pulse

Maximum Amplitude: 120 mA

Intensity: Manual adjustment (energy units) 0-999

Intensity Increments: Minimum 0.5 mA

Pulse Duration/Width: 30-400  $\mu$ seconds

Frequency: 1-150 Hz

### DIRECT CURRENTS

Iontophoresis/Hyperhidrosis: Continuous current

Max intensity: 20 mA

Min Intensity increment: 0,125 mA

Oedema: Rectangular, non-compensated current

Pulse width: 150  $\mu$ s

Max intensity: 120 mA

Min Intensity increment: 1 mA

Pulse frequency: 100 Hz

### DENERVATED CURRENT:

Compensated, rectangular or triangular

Max pulse intensity: 30 mA

Min Intensity increment: 0,25 mA

Pulse width: 10ms – 1000 ms

Pulse frequency: 1/30 Hz – 10 Hz

## WAVEFORMS



- Symmetrical Biphasic 100% compensated



- Direct current



- Oedema



- Rectangular Denervated



- Triangular Denervated