



Unit 2 Top Barn Business Centre,  
Holt Heath,  
Worcester,  
WR6 6NH

## GM Medical Range of NMES and TENS

Having provided the discontinued Neurotech MediStim and MediTens until recently, we have worked hard to fill this void and bring replacement devices into the market. As part of our ongoing work and assessments, we would like to introduce you to our current range of NMES and TENS devices:

[RehaBravo](#) – An NMES machine designed for supporting patients with muscular atrophy.

[PeroBravo](#) – An NMES machine specifically designed for paretic muscles and patients suffering with associated issues such as palsy and drop foot.

[Dolito](#) – A TENS machine for effective pain management.

We also continue to supply a range of self-adhesive Stimtrode electrodes that support the above products in 25, 50 and 70mm sizes.

Further information is available on this new range via the hyperlinks attached to each product title with [prices also available](#).

All can be ordered through our customer support numbers on **(+353) 01-6571961** or **(+44) 01905676263**. We are also available for general enquiries and purchase orders on [info@gmmedicalsolutions.com](mailto:info@gmmedicalsolutions.com)

Kind regards,

GM Medical Solutions

## RehaBravo – Neuromuscular Stimulation

RehaBravo is a neuromuscular stimulator, which has been developed according to latest findings in consultation with the medical profession and patients. This device is a modern 2-channel stimulator, which enables 2 pairs of electrodes to work simultaneously. RehaBravo makes high-efficient muscular stimulation possible.

The special emphasis of RehaBravo is the orientation to the field of orthopaedic rehabilitation. Based on years of experience in the medical field, special value was placed on careful and gentle muscle build up as well as effective regeneration by relaxation, purge and active recovery besides the numerous programs which the device provides for the increase of muscle power and fatigue resistance.

In addition, a special program for the treatment of pain has been integrated. The so-called Dense-Disperse-stimulation, developed by Prof. Han, involves a constant change between 100 Hz and 2 Hz. In this way, different analgesic effects can be achieved simultaneously.

The three free configurable programs enable the specialist to create specially tailored programmes for their own individual purpose. This extra feature of RehaBravo offers the chance to each physician or physiotherapist, but also to the experienced patient, to plan a treatment which is carefully balanced in accordance with the progress of performance. As these programmes can be adjusted at any time, a wide latitude of variations is available to the user.





Unit 2 Top Barn Business Centre,  
Holt Heath,  
Worcester,  
WR6 6NH

**RehaBravo is designed to:**

- Increase and strengthen weakened muscles.
- Increase muscular endurance in healthy muscles.
- Prevent or delay muscle degradation (atrophy) caused by injury or sedentary behaviours.
- Maintain and increase the range of motion.
- Improve blood flow to the muscles.
- Enable faster muscle recovery after exercise.

**Technical Data:**

- Dual channel: individually isolated circuits.
- Waveform: Asymmetrical, rectangular, bi-phasic with zero DC current.
- Amplitude: 0 - 90 mA, Type: Constant Current.
- Pulse width: 50  $\mu$ S - 450  $\mu$ S Pulse rate 1 - 200 Hz.
- Ramp up time 0.1 - 9.9 seconds.
- Open Electrode Detect: If an open circuit is detected at the output of channel A or B the output current will be reset at zero.

## PeroBravo – Stimulator for Paresis, TENS and NEMS

### PeroBravo offers 20 different treatment programs suited for:

- All phases in the treatment of peroneal palsy.
- Stimulation of denervated muscles in general
- Stimulation of muscles with an intact nervous control.
- Biphasic or monophasic EMS
- Pain-therapy (TENS) with biphasic or monophasic pulses



### PeroBravo features and benefits:

- Versatile digital one-channel-device
- Suited for stimulation of paretic muscles, TENS- and EMS-treatment
- 1 diagnostic-program to create a strength/duration-curve (SDC)
- 11 preset treatment programs with different shapes of pulses
- Single pulses triangular (form of triangle is adjustable) Single pulses trapezoidal (form of trapeze is adjustable) Biphasic or monophasic current
- 3 preset programs for training of walking (peroneal palsy)
- 5 custom programs: single phase / single pulse, multiple phase biphasic or monophasic current and for training of walking
- Foot switch for gait-training is included Automatic or manual trigger of pulses
- Indication of pulse-form, intensity and remaining treatment time
- Statistics showing important global treatment data or detailed statistics of each session for 60 days of treatment
- Real time clock
- CE 0123



Unit 2 Top Barn Business Centre,  
Holt Heath,  
Worcester,  
WR6 6NH

**Technical Data:**

- Intensity: 0 - 60 mA
- Power supply: 4 rechargeable NiMH-batteries 1,5 V Type AA

**Single pulses:**

- Monophasic triangular or trapezoidal with continuously changing polarity
- Pulse width: 1 ms - 1000 ms

**Enveloped pulses:**

- Biphasic, symmetrical, rectangular or monophasic positive, rectangular Frequency: 1 - 120 Hz
- Pulse width: 50  $\mu$ s - 35 ms (positive part)
- Delay-time (gait-training): 0 - 1000 ms

**Set (REF-No.: 010E-112) contains:**

- 1 PeroBravo
- 4 self-adhesive electrodes (40 x 40mm) 1 lead wire to connect the electrodes
- 1 foot switch
- 2 rubber electrodes (50 x 50mm)
- 1 sponge bags
- 2 straps to fix the electrodes
- 4 rechargeable batteries type AA; 1 battery charger
- 1 carrying case and 1 operator's manual

**The development of PeroBravo was substantially supported by a "ZIM-project" of the German Federal Ministry of Economics and Technology (BMWi).**

## Dolito - Transcutaneous Electric Nerve Stimulation (TENS)

The Dolito is a digital TENS unit for pain management that contains programs with continuous, modulated, burst- or Han-mode. One program is also suitable for muscle stimulation and another one can be customized according to individual wishes. The Dolito includes a therapy memory that summarizes the time the patient has used the device, and indicates the average intensity used on each channel.



### Features and Benefits:

- 6 programs including 1 customizable program.
- 5 different modes (continuous, modulated, burst, Han and W/R).
- Dual channel.
- Timer and milliamps displayed on the LCD screen.
- Custom program treatment times from 1 minute to 10 hours.
- Records time in use and average intensity for each channel
- High safety level to protect the user

### Technical Data:

- Dual channel: individually isolated circuits.
- Waveform: Asymmetrical, rectangular bi-phasic with zero DC current.
- Amplitude: 0 - 80 mA-Type: Constant Current.
- Selectable pulse width: 50  $\mu$ S-350  $\mu$ S.
- Pulse Rate 1 to 150 Hz.
- Ramp up time: 0.1 - 9.9 seconds.
- Operated by 1 battery 9V.



Unit 2 Top Barn Business Centre,  
Holt Heath,  
Worcester,  
WR6 6NH

## Prices

Product Code	Product Name	Quantity	Unit Purchase Price	Two Month Rental Price	Monthly Rental Extension
1411-0002	Rehabravo (Atrophy)	1	€379	€198	€99
1411-5090	Electrodes (Quads) 5cm x 9cm 7cm x 13cm	1	€12		
1281-0112	PeroBravo (Paresis)	1	€590	€170	€85
0458-0200	TENS Dolito	1 to 9 10 to 19 20 plus	€79 €69 €59		
4532-0033	PALS 25mm Electrodes	1 to 24 25 to 49 50 plus	€11 €10 €9	Any mixture of sizes allowed towards price breaks	
0601-0005	Stimtrode 50mm Electrodes	1 to 24 25 to 49 50 plus	€11 €10 €9		
4532-0053	Stimtrode 70mm Electrodes	1 to 24 25 to 49 50 plus	€11 €10 €9		