

# I-TECH PHYSIO EMG

Highly innovative device for electrotherapy and electromyography with 4 channels and 2 emg independent outputs.

Simultaneous treatment of two patients using different programs. Particularly indicated for muscle rehabilitation and diagnostic.

## MEDICAL DEVICE CLASS IIa

I-TECH PHYSIO EMG it's a medical device CE0476

## KIT

- ✓ Device with graphic display and four independent channels
- ✓ Electrodes connection cables
- ✓ Filter amplifier
- ✓ Auto-adhesive pregelled electrodes
- ✓ EMG adhesive electrodes
- ✓ Kit ionophoresis
- ✓ Pencil like electrode for electro-point stimulation
- ✓ Internal rechargeable battery and dedicated power supply
- ✓ User manual and electrodes position manual
- ✓ Carriage bag

## TECHNICAL FEATURES

- ✓ Electrotherapy with four independent channels for the connection of 8 electrodes
- ✓ Treatment selection for single patient or for two patients using different programs
- ✓ Constant current generator (it can guarantee a constant current even when skin condition changes, the device automatically stops in the event of accidental electrodes disconnection)
- ✓ Compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization
- ✓ Monophasic wave generator
- ✓ Diadynamic, Interferential, High voltage, Kotz, Neofaradic, Osteogenesis wave
- ✓ Maximum intensity 240 mApp, with 0,5 mA step regulation
- ✓ Controlled stimulation program
- ✓ Pre-adjusted programs or free memories for denervated muscle treatment
- ✓ EMG protocols for muscle myographic analysis
- ✓ EMG working modes: Underthreshold or Target
- ✓ User feedback: I-TECH PHYSIO EMG recognizes patient connection
- ✓ Graphic display for fast instructions
- ✓ Soft-touch easy to use keyboard
- ✓ Operation with power supply or with internal rechargeable battery
- ✓ Fully programmable device

## DIMENSIONS

180 x 110 x 50 mm



## PROGRAMMI

## WAVE

- 01 Tens rapid
- 02 Tens endorphinic 0.5
- 03 Tens endorphinic 1
- 04 Tens endorphinic 2
- 05 Tens sequential
- 06 Tens maximum value
- 07 Tens Burst
- 08 MENS Microcurrent
- 09 Ionophoresis 1
- 10 Ionophoresis 2
- 11 Hematoma
- 12 Oedema
- 13 MF Diadynamic
- 14 MFSR Diadynamic
- 15 MFSL Diadynamic
- 16 DF Diadynamic
- 17 DFSR Diadynamic
- 18 DFSL Diadynamic
- 19 Dia short period
- 20 Dia long period
- 21 HVPC
- 22 Current Kotz
- 23 Neofaradic 20Hz
- 24 Neofaradic 50Hz
- 25 Neofaradic 100Hz
- 26 Interferential
- 27 Ionophoresis DC generator

## REHAB

- 01 Denervated
- 02 Partially denervated
- 03 Stress incontinence
- 04 Urge incontinence
- 05 Mixed incontinence
- 06 Inflammatory
- 07 Neck pain
- 08 Lower back pain
- 09 Sprains/Bruises
- 10 Hand and wrist pain
- 11 Plantar stimulation
- 12 Epicondylitis
- 13 Epitroclea
- 14 Periarthritis
- 15 Neuralgias
- 16 Menstrual pains
- 17 Carpal Tunnel
- 18 Tendon pain
- 19 Strain
- 20 Sprain
- 21 Herpes Zoster
- 22 Wound Healing
- 23 Wound Bactericide
- 24 Venous insufficiency
- 25 Superficial Osteogenesis

## EMS

- 01 Tone recovery
- 02 Strength recovery
- 03 Basic strength\*
- 04 Fast strength\*
- 05 Explosive Strength\*
- 06 Long effort
- 07 Endurance\*

- 08 Capillarization
- 09 Recovery\*
- 10 Agonist/Antagonist\*
- 11 Lipolysis\*
- 12 Drain up
- 13 Microlifting
- 14 Atrophy prevention\*
- 15 Atrophy\*
- 16 Sequential Tonic 1\*
- 17 Sequential Tonic 2\*

\* These programs allow 6 different settings (man-woman, upper limbs, trunk, lower limbs).

## MEMORY

- 01 Denervated 1
- 02 Denervated 2
- 03 Tens Mem 1
- 04 Tens Mem 2
- 05 Tens Mem 3
- 06 Tens Mem 4
- 07 Tens Spyke
- 08 EMS 1 second slope
- 09 EMS 1 second slope
- 10 EMS 2 seconds slope
- 11 EMS 2 seconds slope
- 12 EMS 3 seconds slope
- 13 EMS 3 seconds slope
- 14 FES Mem 1
- 15 FES Mem 2
- 16 Agonist / Antagonist 1
- 17 Agonist / Antagonist 2
- 18 Agonist / Antagonist 3