



Product Code	28410
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II A

UK-REP	No
CH-REP	No
RDM (NSIS)	1109224
CND	Z120615
EAN/UPC	8019781350015
UMDNS	12299

Description

I-TECH LA 500 LASER THERAPY

Laser therapy device equipped with a new probe with an emitting diode that allows beam laser application directly to the treatment area. I-TECH LA 500 is able to stimulate deep tissues by promoting a rapid cellular regeneration thanks to 500 mW power output and 810 nm wavelength. Professional user can adjust power output, therapy time and operation mode (continuous or pulse). I-TECH LA 500 guarantees a fast intervention for the treatment of inflammatory and degenerative pathologies in orthopedic, neurologic and dermatologic area. Thanks to its high performance healing time is significantly reduced. Supplied with probe, belts for probe fastening and safety glasses.

Manual in: GB, IT, FR, ES, DE.

The laser therapy uses the effects of energy produced by the light source penetration into the tissues. Biochemical reactions are activated across the cellular membrane. It has been observed that right doses of Laser light can stimulate cellular functions, in particular into the cells damaged by functional deficits.

The main effects of Laser therapy are:

- improved blood flow: capillary and artery vasodilatation that results in local heat increase
- biostimulation: accelerated tissues repair, stimulation of protein synthesis, ADP production, electrolyte changes in the intra- and extra-cellular fluids and mitosis of fibroblasts, increase of collagen and elastin
- anti-inflammatory effect
- anti-oedema effect: lymphatic drainage stimulation
- analgesic effect

Technical Specifications

Power supply: 230 V, 50-60 Hz, $\pm 10\%$
 Maximum laser output: 500 mW $\pm 20\%$
 Adjustable laser power output: 0%-100%
 Laser diode wavelength: 810 nm
 Beam divergence angle: 260 mrad
 Continuous output emission
 Fixed emission frequency
 Fixed width duration
 Continuous or pulse mode of operation
 Pointing red light
 Diode probe (with reserved connection)
 Adjustable therapy time: 0-30 minutes
 Diameter of laser beam: <10 mm
 Dimensions: 300x150x120 mm

MAIN TREATMENTS

- Polyarthritis - Epicondylitis/Epitrochleitis - Knee pain - Myositis - Oedema - Sciatalgy/Lumbago - Articular sprains - Chronic Tenosynovitis
- Muscle strains - Overcharge pathologies - Ecchymosis - Bursitis - Degenerative arthritis - Adhesive capsulitis - Arthrosis pains -
Post-traumatic disorders - Scars - Rheumatic diseases