

TECHNICAL CHARACTERISTICS

Technical classification	electromedical equipment Class I type BF
Commercial classification	laser device for therapy
Medical device class	IIb (Dir. 93/42/EEC, as amended by Directive 2007/47/EC)
Power supply voltage	100-240V single phase
Network frequency	50-60Hz
Laser source	Nd:YAG Class 4
Wavelength	1064nm
Operating modes	continuous, burst mode or pulse train
Peak Power	up to 130kW = 130.000W
Pulse duration	7±35ns
Average Power	up to 20W
Burst Mode	thermal effect control system: 10 - 100%
Frequency	1-100.000 Hz
Red laser guide light 650nm	real visualization of the area interested from the IR beam
Smart Interface	wide 10,4" TFT color touch screen display
Energy calculation	according to the preset parameters
Programmable electronic timer	1-99min with digital display
Acoustic and visual signal	end of treatment
Lit and acoustic activation	laser source activation
Handpiece with interchangeable optics	therapeutic terminal with focal regulation from 0.5 to 5 cm ² (Ø from 8 to 25mm) standard
Handpiece identification	automatic
Handpiece connection	SMA connector
Optical sensor	laser emission test
Interlock connection	remote control of the laser emission
Memorized Programs	database for preset protocols
User's programs	customizable programs
Upgradable via USB port	USB for system/protocol/video upgrades
Weight	15Kg
Dimensions	370x440x220mm

STANDARD ACCESSORIES

Therapeutic handpiece with interchangeable optics
Therapeutic terminal with focal regulation from 0.5 to 5 cm ² (Ø from 8 to 25mm)
Safety pedal
Emergency stop
N.2 Laser safety goggles

REFERENCE STANDARDS

General Standard CEI EN 60601-1
Particular Standard CEI EN 60601-2-22
Collateral Standard CEI EN 60601-1-6
EN 60601-1-2 (IEC 60601-1-2)

OPTIONAL ACCESSORIES

Fiber terminal
Terminal with focused optics
Lensholder Terminal
Conic spacer
Cylindric spacer
Trolley model "Compact"
Device suitcase with wheels
Wireless Pedal
Handpiece button

CE Mark: device complying with Directive 93/42/EEC, modified by the Directive 2007/47/EC.