

Technical characteristics

Laser Models C.P.S.® series

- LUMIX® Plus vers. High Power
- LUMIX® Ultra vers. High Power

Technical classification	electromedical equipment - Class I type B
Commercial classification	devices for laser 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	50-60 Hz
Laser source	Class 4
Burst mode	system for controlling the thermal effect, with adjustable Duty-Cycle 10-100%
Mode	continuous, pulsed, superpulsed and C.P.S.®
Emission mode	more than 9 modes
PW source pulse duration	70 ns
Frequency	0-100.000 Hz
Red laser guide light 650 nm	real visualization of the area interested from the IR beam
Beam diameter	about 20mm; spacers according to the area to treat
Smart Interface	wide 7" TFT color touch screen display
Energy calculation	according to the preset parameters
Timer elettronico programmabile	1sec - 99 min con visualizzazione digitale
Acoustic and visual signal	end of treatment
Lit and acoustic activation	diode source activation
Built in calibration system	laser power meter
Interlock connection	remote control of the laser emission
Preset Programs	wide database for preset protocols
User's programs	customizable programs
Upgradable	via USB port for system/protocol/video upgrades
Weight	30 Kg
Dimensions	320x430x980mm

CODE	MODEL	C.P.S.® POWER		PW INFRARED	CW INFRARED			CW RED 400 mW
		AVERAGE POWER	PEAK POWER	905nm	810nm	980nm	1064nm Solid YAG	650nm
LPLUS1001HP	LUMIX® PLUS vers. HP	10 W	1200 W	•			•	•
LPLUS1002HP	LUMIX® PLUS vers. HP	10 W	1200 W	•		•		•
LPLUS13HP	LUMIX® PLUS vers. HP	13 W	1200 W	•			•	•
LPLUS1601HP	LUMIX® PLUS vers. HP	16 W	1200 W	•	•		•	•
LPLUS1602HP	LUMIX® PLUS vers. HP	16 W	1200 W	•	•	•	•	•
LPLUS30HP	LUMIX® PLUS vers. HP	13 W	1200 W	•	•	•	•	•
LULTRA1901HP	LUMIX® ULTRA vers. HP	19 W	2000 W	•	•		•	•
LULTRA1902HP	LUMIX® ULTRA vers. HP	19 W	2000 W	•	•	•		•
LULTRA21HP	LUMIX® ULTRA vers. HP	21 W	2000 W	•			•	•
LULTRA33HP	LUMIX® ULTRA vers. HP	33 W	2000 W	•	•	•	•	•
LULTRA35HP	LUMIX® ULTRA vers. HP	35 W	2000 W	•			•	•

standard accessories

Articulated arm with handpiece holder

Side handpiece holder

Spacers diameter 30, 60 mm

Safety pedal

Emergency stop

N.2 Laser safety goggles

UnipolSai FISIOLINE® equipment is insured for manufacturer's product liability with UNIPOLSAI.

optional accessories

Wi-fi pedal

Plexiglass storage shelf

reference standards

EN 60601-1

EN 60601-2-22

EN 60601-1-6

EN 60601-1-2

CE Mark: the devices comply with the requirements specified in the Directive 93/42/EEC, modified by the Directive 2007/47/EC.