

technical characteristics

Model	Lumix® Surgery Dual Veterinary
Technical classification	veterinary medical device Class I type BF
Commercial classification	device for laser surgery and laser therapy
Power supply voltage	100-240 V single phase (external power supply)
Network frequency	50-60 Hz
Laser source	Class 4
Surgery mode	continuous, burst mode with adjustable action time
Surgery Burst Mode	TON from 0,5ms to 100ms; TOFF from 0,5ms to 300ms
Therapy Burst Mode	system for controlling the thermal effect, with adjustable Duty-Cycle 10-100%
Therapeutic 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
Programmable electronic timer	1-99min with digital display
Red laser guide light 650 nm	real visualization of the area interested from the IR beam
Smart Interface	wide 7" TFT color touch screen display
Energy calculation	according to the preset parameters
Acoustic and visual signal	end of treatment
Lit and acoustic activation	diode source activation
Fiber identification	automatic
Built in calibration system	laser power meter
Surgical fiber connection	SMA connector
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	3,5 Kg
Dimensions	210x300x160 mm

CODE	MODEL	AVERAGE POWER OPTION	PEAK POWER	PROVIDED OPTICAL FIBERS	PW INFRARED		CW INFRARED		CW VISIBLE 400mW
					905nm	810nm	980nm	1064nm Solid YAG	650nm
LSURGDU901V	Lumix® Surgery Dual Veterinary	9W	300W	320µm / 400µm	•		•		•
LSURGDU902V	Lumix® Surgery Dual Veterinary	9W	300W	320µm / 400µm	•			•	•
LSURGDU1201V	Lumix® Surgery Dual Veterinary	12W	300W	320µm / 400µm	•		•		•
LSURGDU1202V	Lumix® Surgery Dual Veterinary	12W	300W	320µm / 400µm	•			•	•
LSURGDU1501V	Lumix® Surgery Dual Veterinary	15W	300W	320µm / 400µm	•	•	•		•
LSURGDU1502V	Lumix® Surgery Dual Veterinary	15W	300W	320µm / 400µm	•	•		•	•
LSURGDU1701V	Lumix® Surgery Dual Veterinary	17W	300W	320µm / 400µm	•		•		•
LSURGDU1702V	Lumix® Surgery Dual Veterinary	17W	300W	320µm / 400µm	•			•	•
LSURGDU26V	Lumix® Surgery Dual Veterinary	26W	300W	400µm / 600µm	•			•	•
LSURGDU29V	Lumix® Surgery Dual Veterinary	29W	300W	400µm / 600µm	•	•	•	•	•
LSURGDU3101V	Lumix® Surgery Dual Veterinary	31 W	300W	400µm / 600µm	•		•		•
LSURGDU3102V	Lumix® Surgery Dual Veterinary	31 W	300W	400µm / 600µm	•			•	•

standard accessories

Handpiece for Surgical Fiber Optics
Therapeutic handpiece
Zoom terminal with focal regulation from 0.5 to 5 cm ² (from 8 to 25 mm)
Fiber terminal
Handpiece button for laser therapy
Safety pedal
Emergency stop
Pack of tips 20 pz.
Adjustable Stripper
Fiber Cutter
3 Laser safety goggles

optional accessories

Terminal with focalized optic
Spherical terminal
Surgical Fiber Optics: 200µm and 600µm for Models from 9W up to 17W
Surgical Fiber Optics: 200µm and 320µm for Models from 26W up to 31W
Trolley model "Dinamico"
Device carrying bag
Wireless Pedal
Inner rechargeable battery (lithium ion) *to be defined at time of order

reference standards

EN 60601-1, EN 60601-2-22, EN 60601-1-6, EN 60601-1-2

CE Mark: device complying with Directives 2014/35/UE and 2014/30/UE.