

HDL15A, HDL15B

Diode Laser Surgery Machine

Features

1. New friendly used protocol
2. Big color touch screen
3. Quick connector battery box
4. Highly integrated and modular design
5. Compact & lightweight, easy to transport
6. Output power calibration at the end of fibers
7. Preprogrammed and customizable parameters
8. New design inside to make maintenance easy and low cost
9. Scope of application: Dentistry, Lipolysis (Laser fat burning), EVLT (Endovenous laser treatment), Spider Vein, ENT, Dermatology, Orthopedics, PLDD (Percutaneous Laser Disc Decompression), Neuro surgery, Gynaecology, General surgery, Therapy, Veterinary.



Technical Specifications

PARAMETER	SPECIFICATION	
Model	HDL15A	HDL15B
Laser Type	Semiconductor laser	
Wavelength	1064 + 980 + 810 + 650 nm	1064 + 980 + 915 + 810 + 650 nm
Output Power	CW 45.5 W, ISP 75.5 W	CW 42 W, ISP 52 W
Operation Mode	CW, ISP	
Pulse Duration	10μs-3s	
Repetition Rate	0.2Hz-20KHz	
Transmission system	Contact: fibers of 400μm, 600μm and 1000μm with SMA905 connector; Non-contact: fibers and tips	
Aiming Beam	Diode Laser of 650 nm, power < 5 mW, adjustable brightness	

Cooling	Air cooling and TEC
Control Mode	10.1" Color LCD touch Screen
Laser Class	4
Power supply	100-240 V, 50-60 Hz, 400 VA
Fuse	F5AH250V
Safety classification	Class I Type B
Dimension and weight	260*275*200 mm, 4.2 kg
Operating Temperature	+10 ~ +35 °C
Storage / Transport Temperature	-10 ~ +50 °C
Humidity	Storage / Transport: 10% - 80%, Operating: 30% - 60%
Waterproof level	IPX1
Footswitch Waterproof level	IPX8

Veterinary Lasers

