



Ante Laser (Guangzhou) Co Ltd

11 Baoshi Road, Guangzhou 510730 PR China
Tel: (+86-20) 82218379 Fax: 82218339 E-mail: sales@antelaser.com

Lamp-pumped CW Nd:YAG Lasers

Imported key components used in our lasers result in high stability, good beam quality & low maintenances and low cost man-power results in low prices of our lasers.

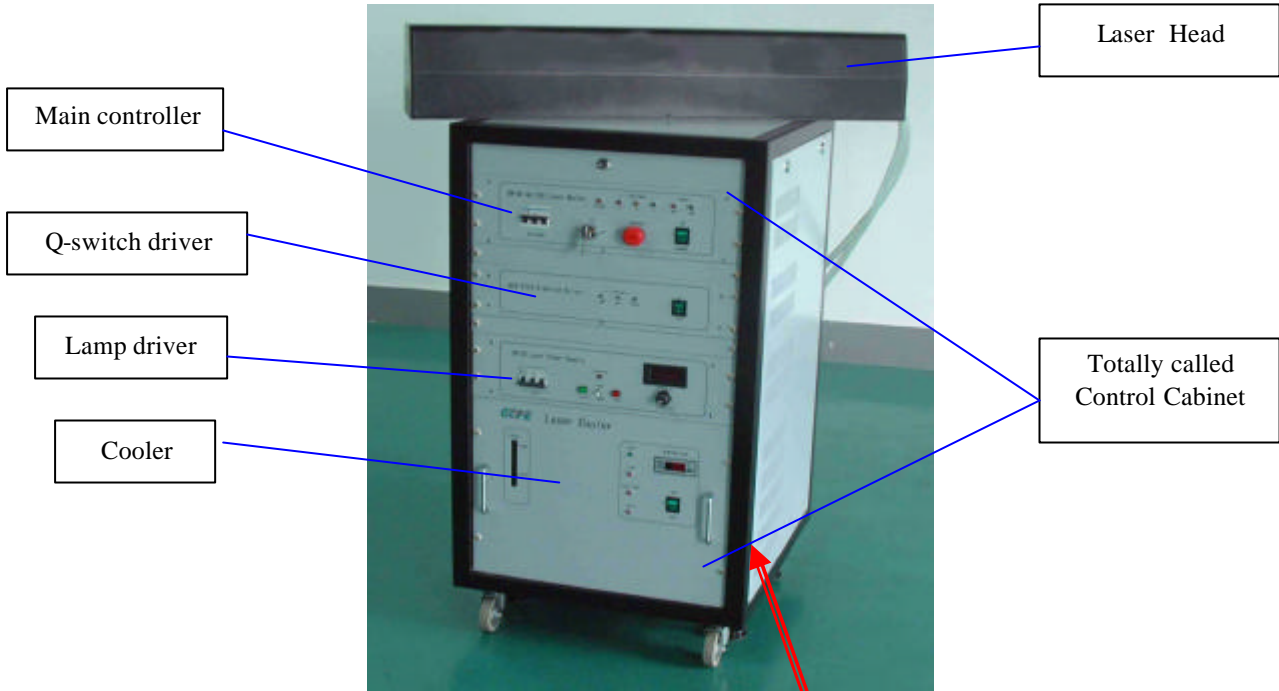
The laser typically consists of laser head (pump chamber and laser resonator), switching power supply, control & closed water cooling system. The YAG-CW series of lamp-pumped CW Nd:YAG lasers are suitable for a wide range of precision marking, cutting, engraving, trimming, micro-machining, instrumentation and medical applications in the electronics, medical, automotive and fine mechanics markets.

	YAG-CW-50	YAG-CW-100
Laser type	Lamp-pumped CW Nd:YAG lasers	
Laser wavelength	1064 nm	
Laser power	50W	100W
Beam diameter	4mm	5mm
Beam mode	Multi-mode (TEM ₀₀ mode available upon request)	
Output stability	±3%	
Cooling method	Closed water cooling	
Power requirements	380VAC, 5KVA	380VAC, 8KVA
Dimension	Laser head: 920x160x175 mm Power supply: 1060x560x600 mm	
Option: AO Q-switch element		
Q switching frequency	1-50 kHz	
Pulse width	Min. 140ns	
Peak power	30kW	45kW
Option: laser chiller or condensing unit		
Cooling capacity	4.0kW @ 20°C	5kW @ 20°C

Typical Applications :

1. Laser marking ;
2. Laser medicine ;
3. Laser trimming ;
4. Laser cutting;
5. Laser welding.

Note: Other power-level lasers available upon request.



Cooling pipe (copper)

Condensing unit

