

## Diode Pumped Sub Assembly



### Nd:YAG Diode Pumped Laser System

Wavelength	1064 nm
Beam Mode	TEM00
Beam Polarization	Vertical
Beam Diameter at 1/e2	0.9 mm
Beam Divergence at 1/e2 (max)	2.0 mr
Beam Stability at 10-500 khz	5% rms
Output Power Max @ 10 kHz	18 - 20 Watts
Working Power	14 - 16 Watts

### Power Supplies Features

Output Current Maximum 90 A QCW  
 Compliance Voltage up to 12 V  
 Proven high power laser diode protection features  
 Precision current control with 10 mA set point resolution  
 Peak and CW forward voltage and photodiode measurement  
 TTL trigger input and output with adjustable delay  
 Temperature measurement with thermistor input rs232 interface  
 Single phase 230 V AC, 50 Hz

### Chiller Features

Recirculating Chillers with 200 w Models  
 High Power Laser Diode Protection with Multiple Safety Interlocks  
 Variable Speed Fan for Quiet Operation  
 Rs232 Computer Interface  
 Coolant Flow Measurement and Readout  
 Single Phase 230 V AC, 50 Hz

### Warranty :-

One year warranty on the system from material & manufacturing defects.  
 Specifications subject to change without notice.