

Hot DEAL'S on our featured Promotional Product



Best price offer for our:

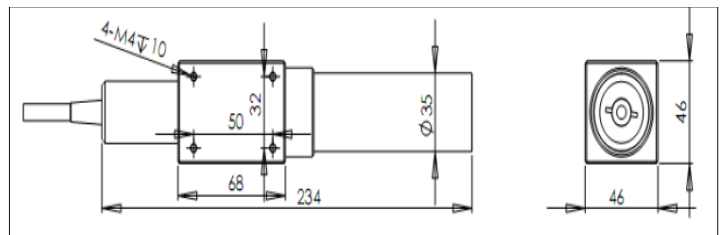
Laser Marking Heads (Laser Scanners, Scan Heads)

STFP Series Fiber Lasers

Our fiber laser is maintenance-free short pulse, high power fiber lasers in an acousto-optical modulated configuration. The laser is much cheaper than popular lasers in the market but the performance is comparable.

These lasers can be used in laser marking, welding, trimming, cutting, micro machining, precision drilling, photo carving, card making etc.

Part number	STFP-10	STFP-20
Central wavelength	1064±4	1064±4
Polarization	Random	Random
Average output power	9.5-12.5	19-21
Energy per pulse	0.5-0.6	0.8-1.1
Beam quality	<1.4	<1.8
Beam diameter	6--8	6--8
Power stability (>5hours)	<5	<5
Frequency tunable range	20--80	20--80
Pulse width @20KHz	70-120	70-120
Power tunable range	5-100	5-100
Operation voltage	24	24
Power consumption	120	120
Dimension WxDxH	304x215x95	315x245x100
Cooling	Forced air	Forced air
Net weight:	6.5	6.5



Dimension of Laser Head (including red point, isolator and beam expander)

LaserTech India 2011 held at NSE Complex, Goregaon (E), Mumbai, during November 18-20, 2011



To all our visitors we would like to express our heartfelt thanks for visiting our booth at this important events.

☛ "3 in 1" Laser Power Supply

(diode driver + Q-switch driver + laser marking head's power supply)

In a diode pumped Nd:YAG laser marker, a diode driver, a Q-switch driver and a DC power supply are needed. They are individual with large size and then the size of the laser marker is also large. It is not convenient to move the laser marker due to large size. We have developed a "3 in 1" laser power supply and the above power supplies are integrated into one unit with compact size.

Features:

- Compact in size and light in weight.
- Modular design for convenient maintenance.
- Excellent performance.
- Portable for easy moving.



"3 in 1" driver

Diode driver	Output current	0-22A adjustable
	Output voltage	Max. 18V automatically adjustable
	Ripple	<80mV
	Alarm and protection	Over load, over temperature, over current and no load
	External current adjusting	0 -10V corresponding 0 - max. current
Q-switch driver	Output RF power	50W
	RF frequency	27.125MHz
	Modulation frequency	0.45-50KHz adjustable
	First pulse suppression	50us-5ms adjustable
	Modulation input	TTL level
	Load impedance	50Ω
	VSWR	≤1.2
Power supply for marking head	Alarm and protection	Over load, over temperature, over current and no load
	Output	±25V/150W (or others up request)
Environment	Electric input	220VAC/8A, 50Hz
	Storage temperature	-20°C - +85°C
	Operation temperature	+10°C - +55°C



Sintec Optronics Technology Pte Ltd is a leading supplier and manufacturer of a wide range of photonics products such as lasers, laser parts and relevant accessories. We are dedicated to continuously evolving our knowledge and experience in order to deliver innovative products and expertise that advance our customer's technologies at affordable prices.



Sintec Optronics Technology Pte Ltd

10 Bukit Batok Crescent #07-02 The Spire, Singapore 658079

Tel: (+65) 6316-7112 Fax: (+65) 6316-7113

E-mail: sales@SintecOptronics.com, sales@sintec.sg or sales@SintecOptronics.com.sg

URL: <http://www.SintecOptronics.com>, www.sintec.sg or www.SintecOptronics.com.sg