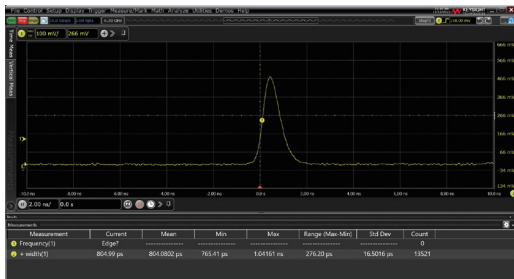


BlastQP-M系列 被动调Q激光器

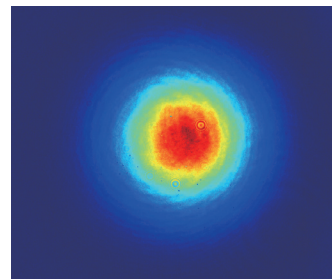
- ◆ Up to 40kHz
- ◆ Up to 800mW Average Power
- ◆ <1ns Pulse Width
- ◆ Contact Cooled

Technical Parameters 技术参数

Specifications 产品参数						
Model Number	BlastQP-M-1064-20	BlastQP-M-1064-30	BlastQP-M-1064-40	BlastQP-M-532-20	BlastQP-M-532-30	BlastQP-M-532-40
型号						
Wavelength (nm)	1064			532		
波长						
Repetition Rate (kHz)	20	30	40	20	30	40
重复频率						
Pulse Width (ps, ±10%)	1000		350	800		300
脉冲宽度						
Pulse Energy (μJ)	40	20	2	20	10	1
单脉冲能量						
Average Power (mW) @10Hz	800	600	80	400	300	40
平均功率						
Energy Stability (rms,8h)	<3%			<5%		
能量稳定性						
Beam Divergence (mrad)	Horizontal @1/e²					
光束发散角 水平/竖直	Vertical @1/e²					
Polarization	Linear > 100:1					
偏振特性						
Cooling	Air cooled					
冷却方式						
Power Supply	100-240 VAC, 50/60Hz					
电源输入						
Control Interface	RS232					
控制接口						
Power Consumption (W)	<80	<60	<50	<80	<60	<50
系统功耗						
Power Dimensions (W×H×L,mm)	150x70x200					
控制电源尺寸						
Laser Head Dimensions (W×H×L,mm)	120x50x200					
激光头尺寸						
Operation Temperature (°C)	15~35					
工作温度						
Storage Temperature (°C)	0~60					
存储温度						



Typical Pulse
典型脉宽

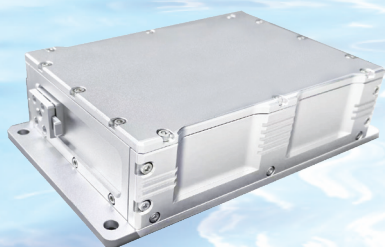


Beam Profile
光斑形貌



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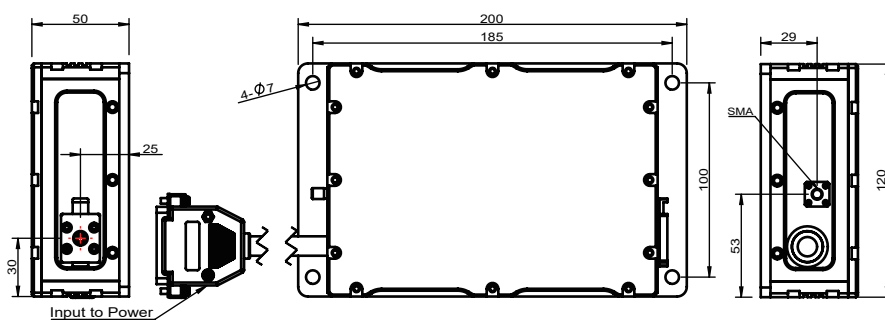
Theotech Co., Ltd.



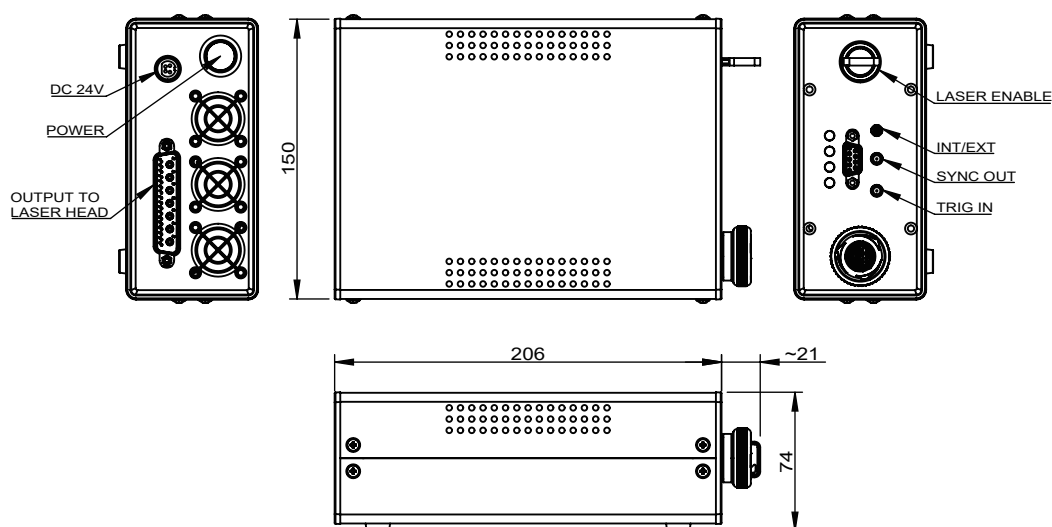
BlastQP-M系列 被动调Q激光器

- ◆ Up to 40kHz
- ◆ Up to 800mW Average Power
- ◆ <1ns Pulse Width
- ◆ Contact Cooled

Mechanical Drawings (in mm) 机械尺寸(单位: mm)



Laser Head
激光头



Driving Source
驱动源