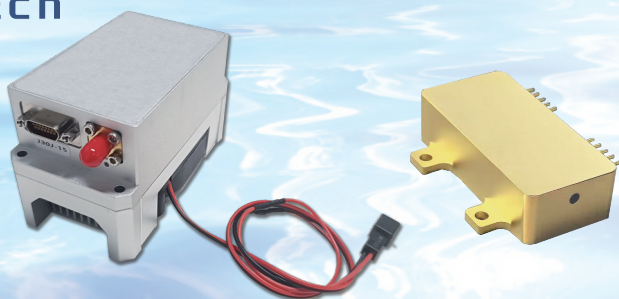




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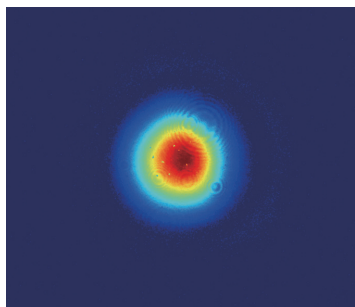


MiniQP系列 微型窄脉宽激光器

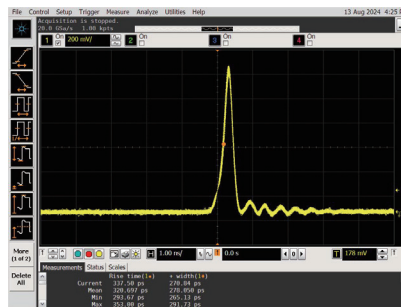
- ◆ Compact and Robust
- ◆ Pulse Width: 250ps~1.5ns
- ◆ Pulse Energy up to 180μJ
- ◆ Repetition Rate up to 20kHz

Technical Parameters 技术参数

Specifications 产品参数		MiniQP-S系列						MiniQP-L系列								MiniQP-M系列														
Wavelength (nm)	波长	1064		532				1064				532				1064				532				355		266		213		
Repetition Rate (kHz)	重复频率	0.01						1	2.5	5	10	1	2.5	5	10	1	2.5	10	20	1	2.5	10	20	1	10	1	10			
Pulse Energy (μJ)	单脉冲能量	180	150	100	90	75	50	120	120	60	30	60	60	30	15	100	80	40	30	50	40	20	10	15	6	10	4	4		
Average Power (mW)	平均功率	1.8	1.5	1	0.9	0.75	0.5	120	300	300	300	60	150	150	150	100	200	400	600	50	100	200	200	15	60	10	40	4	10	
Pulse Width (ps)	脉冲宽度	450	350	250	450	350	250	1500				1200				800		900		700		800		600	700	600	700	600	700	600
Beam Quality (M²)	光束质量	<1.3						<1.3								<1.3														
Energy Stability (rms,8h)	能量稳定性	<3%		<5%				<3%				<5%				<3%				<5%										
Beam Divergence (typ., mrad)	Horizontal @1/e²	8		6				6		8		4		6		8		12		6		10		5	8	5	8	4	6	
光束发散角 水平/竖直	Vertical @1/e²	8		6				6		8		4		6		8		12		6		10		5	8	5	8	4	6	
Polarization	偏振特性	Linear >100:1						Linear >100:1								Linear >100:1														
Cooling	冷却方式	Air cooled						Air cooled								Air cooled														
Power Supply	电源输入	100-240 VAC, 50/60Hz						100-240 VAC, 50/60Hz								100-240 VAC, 50/60Hz														
Control Interface	控制接口	RS232						RS232								RS232														
Trigger Input	触发输入	TTL 0-5V						TTL 0-5V								TTL 0-5V														
Power Consumption (W)	系统功耗	<10						<30								<20														
Power Dimensions (W×H×L,mm)	电源尺寸	125x60x141						125x60x141								125x60x141														
Laser Head Dimensions (W×H×L,mm)	激光头尺寸	50x30x94						50x30x94								50x30x94						~80x50x150								
Operation Temperature (°C)	工作温度	15-35						15-35								15-35														
Storage Temperature (°C)	存储温度	0-60						0-60								0-60														



Beam Profile
光斑形貌



Typical Pulse
典型脉宽



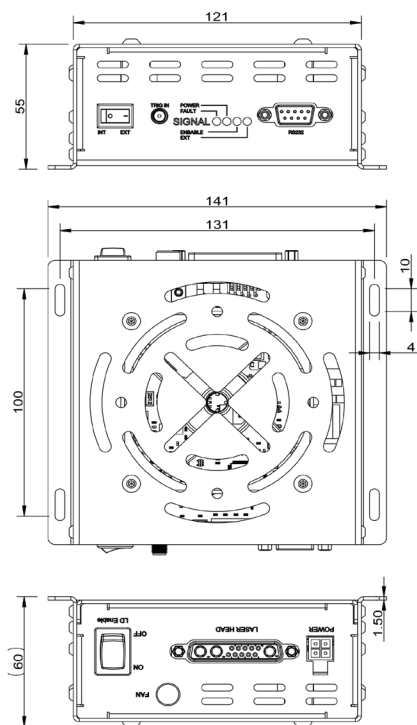
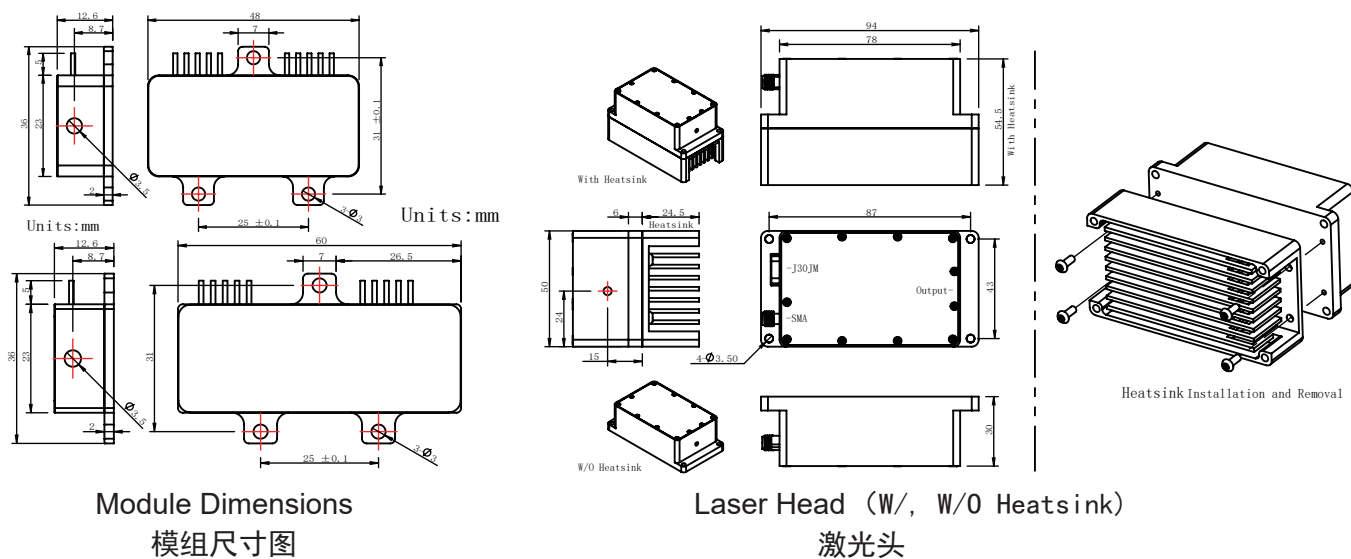
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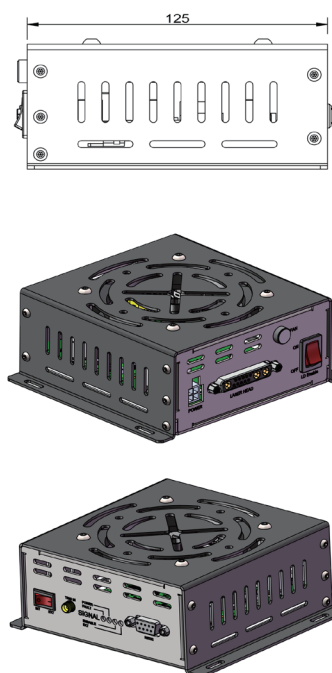
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Mechanical Drawings (in mm) 机械尺寸(单位: mm)



Driving Source
驱动源



Units: mm