

高损伤阈值激光功率计

- ✧ 极高损伤阈值, 150 kW/cm^2 , 可在激光器出口直接测量
- ✧ 快速响应 (50W 探头, 0% - 95% 响应时间 1.5S)
- ✧ 波长范围: $0.19\text{--}11\mu\text{m}$
- ✧ 校正 NIST 溯源
- ✧ 外形小巧, 带风扇
- ✧ 优化热沉设计, 高承载功率
- ✧ 方形探头, 易集成, 可以方便的安装到设备
- ✧ 连接方式: 表头 LA Pro



Model	LA Pro-TP10-HDT-19	LA Pro-TP50-HDT-19
Max. Average Power	10 W	50 W
Min. Power	20 mW	50 mW
Power Resolution	0.001 W	0.01 W
Noise Equivalent Power (NEP)	1 mW	20 mW
Response Time	1.5 S	1.5 S
Power Calibration Uncertainty	$\pm 3\%$	$\pm 3\%$
Power Linearity (1)	$\pm 1\%$	$\pm 1\%$
Aperture	19mm	19mm
Type	HDT	HDT
Absorber Specs		
Absorber Spectral Range	0.19 - 11 μm	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (2)	150 kW/cm^2	150 kW/cm^2
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	1.0 kg	1.0 kg
Dimension	65 x 65 x 45 mm	65 x 65 x 60 mm
Cable lenght - connector	2m	2m

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

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高损伤阈值激光功率计

- ✧ 极高损伤阈值, 150kW/cm², 可在激光器出口直接测量
- ✧ 快速响应 100W 探头, 0% - 95% 响应时间1.8S)
- ✧ 波长范围: 0.19-11μm
- ✧ 校正 NIST 溯源
- ✧ 外形小巧, 带风扇
- ✧ 优化热沉设计, 高承载功率
- ✧ 方形探头, 易集成, 可以方便的安装到设备
- ✧ 连接方式: 表头 LA Pro



Model	LA Pro-TP100-HDT-19	LA Pro-TP150-HDT-19
Max. Average Power	100 W	150 W
Min. Power	100 mW	100 mW
Power Resolution	0.01 W	0.01 W
Noise Equivalent Power (NEP)	0.1 W	0.1 W
Response Time	1.8S	1.8S
Power Calibration Uncertainty	± 3%	± 3%
Power Linearity (1)	± 1%	± 1%
Aperture	19mm	19mm
Type	HDT	HDT
Absorber Specs		
Absorber Spectral Range	0.19 - 11 μm	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm, 2.94μm, 9 - 11 μm	0.19 - 2.1 μm, 2.94μm, 9 - 11 μm
Max Power Density (2)	150 kW/cm ²	150 kW/cm ²
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	1.0 kg	1.0 kg
Dimension	65 x 65 x 72 mm	65 x 65 x 72 mm
Cable lenght - connector	2 m	2 m

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

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高损伤阈值激光功率计

- ◇ 极高损伤阈值, $150\text{kW}/\text{cm}^2$, 可在激光器出口直接测量
- ◇ 快速响应200W探头, (0%-95% 响应时间2S)
- ◇ 波长范围: $0.19\text{-}11\mu\text{m}$
- ◇ 校正NIST溯源
- ◇ 外形小巧
- ◇ 优化热沉设计, 高承载功率
- ◇ 方形探头, 易集成, 可以方便的安装到设备
- ◇ 连接方式: 表头LA Pro



Model	LA Pro-TP200-HDT-25	LA Pro-TP200-HDT-50
Max. Average Power	200 W	200 W
Min. Power	0.1W	0.1W
Power Resolution	0.1W	0.1 W
Noise Equivalent Power (NEP)	0.2W	0.2W
Response Time	2 S	2 S
Power Calibration Uncertainty	$\pm 3\%$	$\pm 3\%$
Power Linearity (1)	$\pm 1\%$	$\pm 1\%$
Aperture	25 mm	50 mm
Type	HPB	HPB
Absorber Specs		
Absorber Spectral Range	0.19 - 11 μm	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (2)	$150\text{kW}/\text{cm}^2$	$150\text{kW}/\text{cm}^2$
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	2kg	2kg
Dimension	90 x 90 x 70 mm	90 x 90 x 70 mm
Cable length - connector	2m	2m

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

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高损伤阈值激光功率计

- ◇ 极高损伤阈值, $150\text{kW}/\text{cm}^2$, 可在激光器出口直接测量
- ◇ 快速响应300W探头, (0%-95% 响应时间2S)
- ◇ 波长范围: $0.19\text{-}11\mu\text{m}$
- ◇ 校正NIST溯源
- ◇ 外形小巧
- ◇ 优化热沉设计, 高承载功率
- ◇ 方形探头, 易集成, 可以方便的安装到设备
- ◇ 连接方式: 表头LA Pro



Model	LA Pro-TP300-HDT-25	LA Pro-TP300-HDT-50
Max. Average Power	300W	300W
Min. Power	0.3 W	0.3 W
Power Resolution	0.1W	0.1 W
Noise Equivalent Power (NEP)	0.2W	0.2W
Response Time	2 S	2 S
Power Calibration Uncertainty	$\pm 3\%$	$\pm 3\%$
Power Linearity (1)	$\pm 1\%$	$\pm 1\%$
Aperture	25 mm	50 mm
Type	HPB	HPB
Absorber Specs		
Absorber Spectral Range	0.19 - 11 μm	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (2)	$150\text{kW}/\text{cm}^2$	$150\text{kW}/\text{cm}^2$
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	30 kg	3.0 kg
Dimension	122 x 122 x 118 mm	122 x 122 x 118 mm
Cable lenght - connector	2m	2m

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

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- ✧ 极高损伤阈值, $150\text{kW}/\text{cm}^2$, 可在激光器出口直接测量
- ✧ 快速响应500W探头, (0%-95% 响应时间5S)
- ✧ 波长范围: $0.19\text{-}11\mu\text{m}$
- ✧ 校正NIST溯源
- ✧ 外形小巧
- ✧ 优化热沉设计, 高承载功率
- ✧ 方形探头, 易集成, 可以方便的安装到设备
- ✧ 连接方式: 表头LA Pro



Model	LAPro-TP500-HDT-25	LAPro-TP500-HDT-50
Max. Average Power	500 W	500 W
Min. Power	0.5W	0.5W
Power Resolution	0.1W	0.1 W
Noise Equivalent Power (NEP)	0.2W	0.2W
Response Time	5 S	5 S
Power Calibration Uncertainty	$\pm 3\%$	$\pm 3\%$
Power Linearity (1)	$\pm 1\%$	$\pm 1\%$
Aperture	25 mm	50 mm
Type	HPB	HPB
Absorber Specs		
Absorber Spectral Range	$0.19 - 11 \mu\text{m}$	$0.19 - 11 \mu\text{m}$
Calibration Spectral Range	$0.19 - 2.1 \mu\text{m}, 2.94\mu\text{m}, 9 - 11 \mu\text{m}$	$0.19 - 2.1 \mu\text{m}, 2.94\mu\text{m}, 9 - 11 \mu\text{m}$
Max Power Density (2)	$150\text{kW}/\text{cm}^2$	$150\text{kW}/\text{cm}^2$
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	3 kg	3 kg
Dimension	$122 \times 122 \times 118 \text{ mm}$	$122 \times 122 \times 118 \text{ mm}$
Cable lenght - connector	2m	2m

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(2). Damage thresholds also depend on power level. Please see damage graphs for more details.

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- ✧ 极高损伤阈值, $150\text{kW}/\text{cm}^2$, 可在激光器出口直接测量
- ✧ 快速响应1000W探头, (0%-95% 响应时间5S)
- ✧ 波长范围: $0.19\text{-}11\mu\text{m}$
- ✧ 校正NIST溯源
- ✧ 外形小巧
- ✧ 优化热沉设计, 高承载功率
- ✧ 方形探头, 易集成, 可以方便的安装到设备
- ✧ 连接方式: 表头LA Pro



Model	LA Pro-TP1000-HDT-25	LA Pro-TP1000-HDT-50
Max. Average Power	1000 W	1000 W
Min. Power	1W	1 W
Power Resolution	0.1W	0.1 W
Noise Equivalent Power (NEP)	0.2W	0.2W
Response Time	5 S	5 S
Power Calibration Uncertainty	$\pm 3\%$	$\pm 3\%$
Power Linearity (1)	$\pm 1\%$	$\pm 1\%$
Aperture	25mm	50 mm
Type	HPB	HPB
Absorber Specs		
Absorber Spectral Range	0.19 - 11 μm	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (2)	$150\text{kW}/\text{cm}^2$	$150\text{kW}/\text{cm}^2$
General Characteristics		
Cooling	Conduction (a)	Conduction (a)
Weight Dimension	3 kg	3 kg
Dimension	122 x 122 x 118 mm	122 x 122 x 118 mm
Cable length - connector	2m	2m

Notes (1). Detector centrally irradiated @50% of useful surface.

(2). Damage thresholds also depend on power level. Please see damage graphs for more details

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