

## M6-6-PY

积分球探测器的激光能量测量高达2 mJ。



### 产品主要性能特征

#### UP TO 200 KHZ PULSE-TO-PULSE

Measure EVERY pulse, with no sampling, at high rep rates, up to 200 kHz

#### CAPTURE AND STORE UP TO 4 MILLION PULSES

Store 40 seconds of data at 100 kHz

#### TRACK MISSING PULSES AND PULSES BELOW THRESHOLD

Know how many pulses were missed or that didn't make the energy threshold with this unique pulse feature

#### SEVERAL HEADS TO CHOOSE FROM

Silicon, InGaAs and Pyroelectric heads for a broad wavelength and energy range

#### ANALOG MODULE AVAILABLE

Use our fast M6 Detectors with the APM and an oscilloscope for fast analog energy measurements

#### FULL-SPEED USB 2.0 CONNECTION

Ensures high data rate transfer and fast operation

#### USER-FRIENDLY SOFTWARE WITH MANY DIAGNOSTIC FEATURES

- Live Mode, Strip Chart, Histogram and Statistics displays
- FFT display of pulse energy data for temporal diagnostics
- Life Test Mode to automate laser testing

### 兼容性支架

[STAND-D-233](#)

## 规格

### 测量能力

光谱范围	0.35 - 2.5 $\mu\text{m}$
典型升起时间	150 ns
重复性	$\pm 1\%$
最大重复频率	200000 Hz
最大可测量能量 <sup>1</sup>	2 mJ
噪声等效能量	0.1 $\mu\text{J}$
最大脉冲宽度	100 ns
能量校准不确定性	$\pm 4\%$

1. 最大脉冲能量读数随波长和探头电压响应度发生变化。请阅读应用说明书 121D-201932 并通过 [info@gentec-eo.com](mailto:info@gentec-eo.com) 联系我们，以了解更多详情。

### 损坏阈

最大功率	5 W
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### 物理特性

孔径	6 mm
吸收器	Pyroelectric
尺寸	38.1 $\varnothing$ x 58.4D mm
重量	0.15 kg

### 订购信息

M6-6-PY	202119
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对这个产品感兴趣吗？

获得报价

通过 [gentec-eo.cn/contact-us](http://gentec-eo.cn/contact-us) 找到您的本地销售代表