

## M6-12.5-PY

积分球探测器的激光能量测量高达20 mJ。



### 产品系列主要特性

#### 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 (LEMO) 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> | 20 mJ                    |
| 噪声等效能量               | 0.5 $\mu\text{J}$        |
| 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 | 25 W |
|------|------|

### 物理特性

|     |                  |
|-----|------------------|
| 孔径  | 12.5 mm          |
| 吸收器 | Pyroelectric     |
| 尺寸  | 76H x 111W x 76D |
| 重量  | 0.15 kg          |

### 订购信息

|            |        |
|------------|--------|
| M6-12.5-PY | 202120 |
|------------|--------|

对这个产品感兴趣吗？

获得报价

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