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BeamR2-Si InGaAs Scanning Slit Beam Profiler



#24-215 DataRay Scanning Slit Beam Profiler

Stock #91-112 **NEW** 1 In Stock

- 1 + £5,472⁰⁰

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Physical & Mechanical Properties

60.96 x 67.31 x 66.17 **Dimensions (mm):**

±1µm **Dimensional Accuracy:**

Optical Properties

190 - 1800 **Spectral Range:**

Beam Diameter (µm):

2µm to 4mm

Sensor

5Hz

Frame Rate:

Electrical

1,000:1

Signal to Noise S/N Ratio (dB):

1 W Total & 0.5 mW/µm²

Maximum Power (W):

Threading & Mounting

1/4-20 thread

Mount:

Regulatory Compliance

[Exempt](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

Product Details

- Designed For Use From 190 to 1150nm
- Measure Beam Diameters of 2µm to 4mm
- Robust Easy to Use Software Provided

DataRay Scanning Slit Beam Profilers feature a silicon detector making it perfect for a 190 to 1150nm spectral range. Equipped with 2.5µm slits and larger knife-edge slits, the Beam'R2 is capable of measuring beams with diameters down to 2µm. Scanning slit instruments offer much higher resolution than camera-based systems, and are compatible with both continuous wave and pulsed laser sources. DataRay Scanning Slit Beam Profilers are ideal for optical assembly and instrument alignment, real-time diagnosis of focusing and alignment errors, real-time setting of multiple assemblies to the same focus. These profilers are USB 2.0 powered and include a 3m USB 2.0 cable.