

BeamR2-Si Scanning Slit Beam Profiler



#24-215 DataRay Scanning Slit Beam Profiler

Stock **#24-215** 1 In Stock

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1

+

£4,096⁰⁰

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Product Downloads

Physical & Mechanical Properties

60.96 x67.31 x66.17

Dimensions (mm):

±1µm

Dimensional Accuracy:

Optical Properties

190 - 1150

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:
Contains SVHC(s)	REACH 241:

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.