

50mm BladeCam2 M² system.



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General

Note:

A DataRay Camera Beam Profiler is required to complete the system.

Contents of Kit:

Includes M2DU-50 translation stage, lens mount, and camera mount.

Physical & Mechanical Properties

50

Travel (mm):

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- ISO11146 Compliant
- 355 - 1150nm or 2000 - 16000nm Wavelength Options
- 50mm and 200mm Travel Options

DataRay M^2 Measurement Systems combine a beam profiling camera mounted on an automated translation stage to make an all-in-one M^2 measurement system. M^2 , or Beam Quality Factor, characterizes the degree of imperfection in a real-world laser beam relative to a perfect TEM00 beam, and is a common acceptance criterion for laser or laser system manufacturing. These systems operate by moving the mounted beam profiler through the beam waist to perform ISO 11146 compliant measurements and are available with 50 or 200mm travel lengths, and two wavelength range options of 355 - 1150nm or 2000 - 16000nm. DataRay M^2 Measurement Systems are designed with an easy-to-setup USB3 system, intuitive software interface, and have a variety of accessories available separately. These measurements systems are ideal for measuring a wide range of M^2 on pulsed and CW lasers.

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