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UV-VIS and IR High Power Laser Beam Visualizer

High Power Laser Beam Visualizers

Stock **#11-449** **10 In Stock**

- 1 + **S$205.90**

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Qty 1+	**S$205.90** each
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Product Downloads

Physical & Mechanical Properties

Active Area Diameter (mm):
35

Outer Diameter (mm):
42

Dimensions (mm):
Disk: 42 Dia.
Wand: 130 Length

Optical Properties

Wavelength:
UV, VIS, IR

Damage Threshold, By Design:
Typical: 1 J/cm^2 @ 10ns

Emission Color:
Red

Stimulation Range:
190 - 1090nm, 1470 - 1600nm

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Laser Beam Detection from the UV to the NIR
- High Laser Damage Threshold
- Ideal for Alignment of CW and Pulsed Lasers

High Power Laser Beam Visualizers are used to detect laser light from the ultraviolet (UV) to the infrared (IR). These beam visualizers feature a circular photosensitive region for beam detection, mounted to an aluminum rod for easy handling. A typical damage threshold of 1 J/cm^2 at 10ns allows for detection of even high power laser sources. High Power Laser Beam Visualizers are available in two versions, one for detection of laser light from 880 to 1070nm and the other for detection from 190 to 1090nm as well as 1470 to 1600nm. The NIR visualizer has a green emission while the UV-VIS and IR visualizer has a red emission.

Special Handling Instructions Include:

- Do not open box and sealed package until the contents are at the room temperature to prevent moisture condensation.
- Unpack, inspect and use item in room with controlled atmosphere with relative humidity (RH) of <60%
- Please use powder-free gloves for handling optically relevant surface and please avoid any direct contacting with any other material, water, grease etc.
- Operating and storage temperature: +15▌~ to 35▌
- Operating and storage humidity (RH): 5% to 60% - please store UV-NIR laser beam visualizers in desiccators or in a container with a minimum gas volume.
- Product lifetime: 12 months

Special Handling

These optics require special handling to avoid damage and ensure long-term performance. Proper handling, cleaning, and storage are essential to maintain optical quality. Explore our **Optics Cleaning Resources** for step-by-step guides and best practices. For personalized assistance, **Email us** or **Chat** with our technical support team.

Component Handling Tools

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