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TECHSPEC® 1064nm Scorpii® Nd:YAG Beam Expander Kit



Scorpii™ Nd:YAG Beam Expander Kits



Stock **#39-056** **2 In Stock**

⊖ 1 ⊕ C\$1,309⁰⁰

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General

Prototyping Kit

Type:

Contents of Kit:
2X (#37-048), 3X (#37-051), 5X (#37-057), 7X (#37-063), and 10X (#37-069)

Optical Properties

1064 **Design Wavelength DWL (nm):**

1064 **Wavelength Range (nm):**

None **Divergence Adjustment:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- AR Coated for Nd:YAG Laser Wavelengths: 355nm, 532nm, and 1064nm
- Kits Include 5 Discrete Magnifications from 2X to 10X
- Designed for OEM Integration without Divergence Adjustment

TECHSPEC® Scorpii® Nd:YAG Beam Expander Kits are designed for prototyping and determining magnifications in beam expansion applications such as laser engraving and material processing. Each kit contains 5 fixed beam expanders at a single Nd:YAG wavelength and include magnifications of 2X, 3X, 5X, 7X, and 10X. TECHSPEC Scorpii Nd:YAG Beam Expander Kits are an excellent economical solution for determining which magnification is required for your laser application. Each kit includes its own carrying case and provides for easy access to a variety of fixed magnifications.

Individual [TECHSPEC Scorpii® Nd:YAG Beam Expanders](#) are also available. For HeNe laser applications, [TECHSPEC Arcturus® HeNe Beam Expanders](#) are available. For applications where rotating optics are acceptable, the [TECHSPEC Vega® Laser Line Beam Expanders](#) and [TECHSPEC Vega® Broadband Beam Expanders](#) are available. For higher precision applications where sliding optics are necessary, please see our [TECHSPEC Draconis® Nd:YAG Laser Line Beam Expanders](#) or [TECHSPEC Draconis® Broadband Beam Expanders](#). For broadband or ultrafast applications, [TECHSPEC Canopus® Reflective Beam Expanders](#) are available.

532nm versions are compatible with popular 530nm laser applications, and 1064nm versions are ideal for use with laser applications at 1060nm, 1070nm, and 1075nm.



Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).