



MiniJewel Laser System

The MiniJewel Lasers Diode Pumped Solid State Ultra Compact, Nd:YAG

The MiniJewel System is a compact, multi-wavelength focus or imaging system with a choice of wavelength and modules for complete beam control, using our MiniJewel laser. The fundamental output is 1064, with optional nonlinear modules for 1064/532, 532/355 or 355/266. This system has a rugged, sealed housing for easy operations and maintenance.

DANGER

VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT
OR SCATTERED RADIATION

1064	10ns	≥ 60mJ
532	10ns	≥ 30mJ
355	10ns	≥ 14mJ
266	10ns	≥ 10mJ

CLASS 4 LASER PRODUCT COMPLIES WITH CFR 1040.10/1040.11 AND EN 60825-1:1994

Features:

- 1064/532/355/255 Wavelength Selection
- Energy control, beam sizing & shaping
- High or Low energy modes
- Remote Interlock, Input Trigger, Synch out signal
- Fast throughput with range of rep rates
- MiniJewel System Software

Specifications

- Energy: 4mJ @ 1064; 1.25mJ (dual)
- Rep Rate: 1-30Hz (up to 50Hz limited)
- Beam Divergence: 6.0
- Pulsewidth: 10.0ns
- Payload: 140mm x 87mm x 233mm

Applications

- Microablation
- Machining
- Marking

Options

- X-Y Theta Aperture
- Polarization Rotator
- Camera Port(s)
- Stand-alone Smart Controller

Warranty – 1 year



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