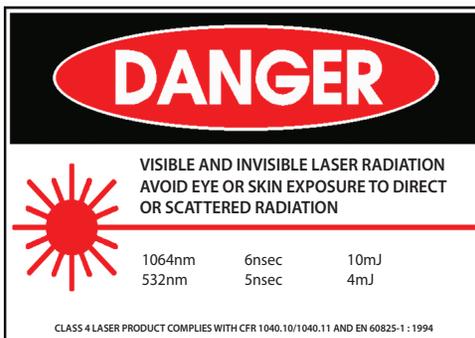




MiniJewel DPSS Lasers

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

The MiniJewel is a compact, conductively cooled, laser with a fundamental output of 1064nm. The rugged resonator design allows for less misalignment than other lasers. This multimode laser weighs less than 3lbs and with a 6.5" x 3.75" x 1.4" footprint, it is perfect for portable applications or customers with limited space requirements. Included is our MiniJewel software which the user can utilize to control energy, firing mode, and frequency.



Features:

Form factor includes laser head and control electronics

- 1064/532/355/255 Wavelengths
- Uses laptop power supply, 36-50VDC
- Remote Interlock, Input Trigger
- USB Communication
- MiniJewel Software

Specifications

- Energy: 8mJ @ 1064
- Rep Rate: 1-30Hz (up to 50Hz limited)
- Beam Divergence: ≤ 6.0
- Pulsewidth: $\leq 6.0 \pm 2.0$
- Beam Diameter: 1.5 ± 0.5

Applications

- LIBS
- Microablation
- PIV
- Marking

Warranty – 1 year



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