

Nano DPSS - New in Nano Series

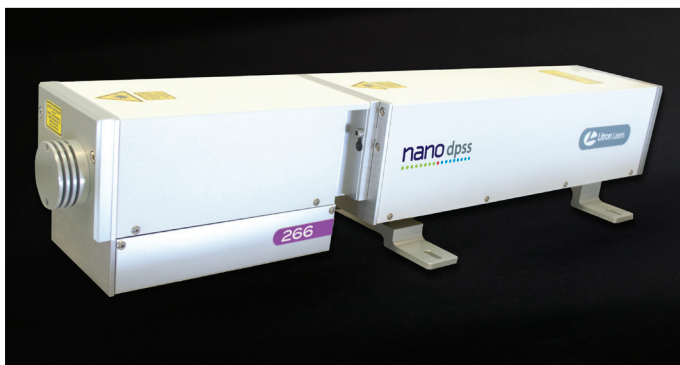
Ultra-compact DPSS solid state Q-Switched pulsed Nd:YAG lasers.

The Nano DPSS is a new addition to the established and field-proven Nano range of ultra compact pulsed Nd:YAG lasers from Litron. It comprises a set of fully diode pumped Q-switched pulsed Nd:YAG lasers with output energies up to 80mJ and repetition rates of up to 300Hz.

All harmonics are automatically angle tuned with high precision linear actuators, making Litron's unique mechanical angle-tuning much faster than traditional thermal tuning.

This feature has the option of single, on-demand tuning or continuous automatic tracking of the crystals for guaranteed long-term stability.

Additionally, harmonic generation crystals are thermally stabilised to better than 0.1°C.



Nano DPSS laser head with a harmonic module



General Features:

- Output energies up to 80mJ
- Repetition rates up to 300Hz
- Ultra stable pulse stability
- 2nd, 3rd, 4th and 5th harmonics available
- Motorised attenuator
- Interlocked electrical safety shutter
- Stable or super-Gaussian coupled resonator options
- Compact and rugged
- TEM₀₀ option available
- Long diode lifetime with easy field replacement
- Fully integrated power supply and cooler unit
- Mechanical angle tuned harmonics for high speed and accuracy

For more information contact: Litron Lasers Sales Department
Email: sales@litron.co.uk

Litron Lasers 8 Consul Road, Rugby, Warwickshire CV21 1PB England
Tel +44 (0)1788 574444 Fax +44 (0)1788 574888

www.litronlasers.com