

NS Scientific is a leading scientific instrument distributor/system integrator capable of providing complete pre and after sales support to its customers across India. NS Scientific mainly deals in Scientific Lasers and Laser based instruments (including LIBS, spectroscopy systems, PIV, PLIF, LIF etc.), VSM systems, Magnets etc.



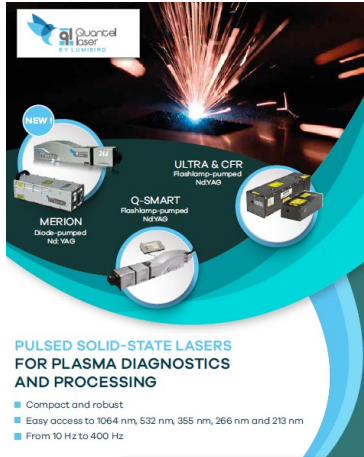
**LUMIBIRD**  
MORE THAN LASERS

GIVE COLOR TO YOUR EXPERIMENT WITH LUMIBIRD PULSED NANOSECOND OPTICAL PARAMETRIC OSCILLATORS (OPO)

- Wide wavelength range from 190 nm to 2.7  $\mu\text{m}$
- Broadband or Midband operation
- Ultra-low divergence < 0.2 mrad
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YOU HAVE A PROJECT ? WE HAVE YOUR SOLUTION !

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**Quantel Laser**  
BY LUMIBIRD

NEW

- ULTRA & CFR Flashlamp-pumped Nd:YAG
- Q-SMART Flashlamp-pumped Nd:YAG
- MERION Diode-pumped Nd:YAG

**PULSED SOLID-STATE LASERS FOR PLASMA DIAGNOSTICS AND PROCESSING**

- Compact and robust
- Easy access to 1064 nm, 532 nm, 355 nm, 266 nm and 213 nm
- From 10 Hz to 400 Hz



**Quantel Laser**  
BY LUMIBIRD

- Q-SMART flashlamp-pumped Nd:YAG
- EVERBRIGHT double pulse Nd:YAG
- VIRON & MERION C diode-pumped Nd:YAG

**PULSED SOLID-STATE LASERS FOR LIBS APPLICATIONS**

- 1064, 532, 355, 266 nm and 157  $\mu\text{m}$  available
- High focusability
- Portable and rugged lasers

### Laser Systems

- Compact and rugged Nd: YAG Lasers (5mJ to 850mJ)
- High energy, high rep rate diode pumped Nd: YAG Lasers (Up to 400Hz and 650mJ)
- High energy Lasers up to 2.5J with direct access to all Nd: YAG wavelengths
- SLM option available
- Tunable Dye Laser (200nm to 4500nm)
- Tunable OPO system (190nm to 2750nm)
- Ultra rugged and compact PIV Lasers from 70mJ x 2 to 400 mJ X 2 @ 532nm
- Dual pulsed system with interchangeable plug & play type harmonic generators
- High Frequency (KHz range) PIV Lasers
- High Frequency Tuneable Dye Lasers

### PIV and LDV Systems & Components

- Complete PIV and LDV systems and PIV Software
- PIV and LDV system components
- Camera, Synchronizer, Tilt adaptors (scheimpflug)
- Seeder, 3D Traversing unit , Light guiding arms
- Light Sheet Optics, Laser Safety Goggles

### Components for LIBS set-up

- Complete LIBS system
- LIBS Probes
- LIBS Sample chamber
- Customised LIBS projects etc...

### Lasers for

Ablation . Atom Cooling . Defence & Security . Flash photolysis . Laser Doppler Velocimetry . LIBS . LIDAR . LIF . PIV . PLD . Dye, Ti:Sa and OPO Pumping . Spectroscopy . Material Analysis . Multiphoton interactions . Combustion studies . Laser peening . Photo acoustic imaging . Laser ultrasound . Photoacoustics . Holography .....



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www.ila5150.de



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www.americanmagnetics.com



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