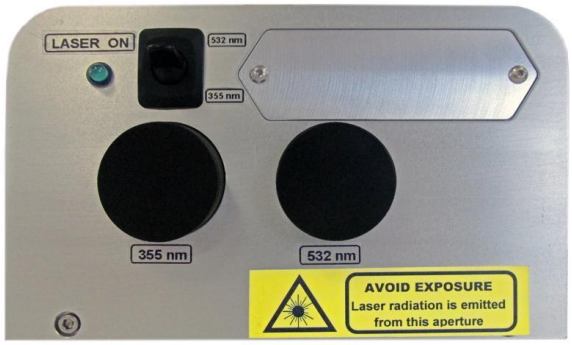
Passat

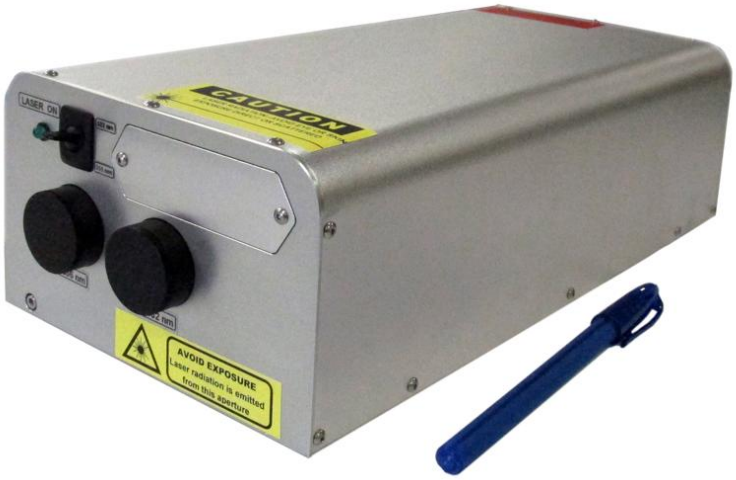
High-Energy DPSS Sub-nanosecond Laser

SUB-NAPLES

The **SUB-NAPLES (SUBnanosecond-NArrow-line Pulsed Laser Emitting Source)** DPSS laser is small and lightweight yet very powerful source of short light pulses with excellent stability from pulse to pulse. The model operates at 1064 nm, 532 nm, 355 nm, 266 nm and 213 nm wavelengths providing the highest UV energy density available from a commercial laser.



Front panel



Compact SUB-NAPLES Laser with electronically switchable 355 and 532 nm outputs

Features and Specifications

- 600 picosecond pulse width @355nm
- 150 μJ/pulse @355nm
- 250 μJ/pulse @532nm
- 400 Hz standard repetition rate
- TEM_{00} mode
- ~1 mm diameter
- Air cooled
- External triggering or computer controlled, including burst mode

Customized Turnkey Solutions

SUB-NAPLES lasers can be customized in accordance with the particular request. Additional features include switchable or non-switchable separate outputs for different wavelengths, computerized or manual power attenuation, signal synchronization and gating.

Delivery set

- Laser head
- Pumping unit
- Optical fiber
- Signal cable
- Power cord
- CD with manual and control software

Superior peak-power to price ratio, industrywide

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