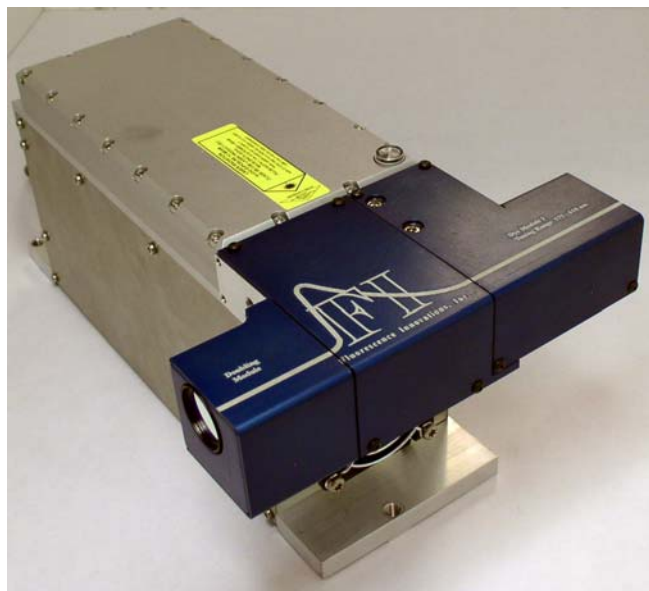


Fluorescence Innovations, Inc.

ULTRACOMPACT Nd:YAG COLOR CONVERTER SUB-NANOSECOND, 1000 PULSES/SECOND



- **Tiny footprint**
- **Extremely low threshold (10 uJ)**
- **Computer controlled**
- **<400 ps pulse width***
- **1000 pulses/sec***
- **Up to 15 mW visible average power***
- **UV option, 3 mW @ 295 nm***
- **Extremely good beam quality**
- **Shot-to-shot variation <2%**

*With Teem Photonics PowerChip pump laser; other pump lasers can be used.

The color converter is an ultracompact wavelength conversion and tuning module that mounts directly on your Nd:YAG pump laser. Color modules and the autotracking frequency doubler module can be swapped out in seconds without having to realign. Longitudinal pumping preserves the pump beam characteristics.

Representative Applications
Fluorescence Microscopy
UV Cross-Linking
Protein Fluorescence Excitation
Fluorescence Lifetime
Transient Absorption
Education

