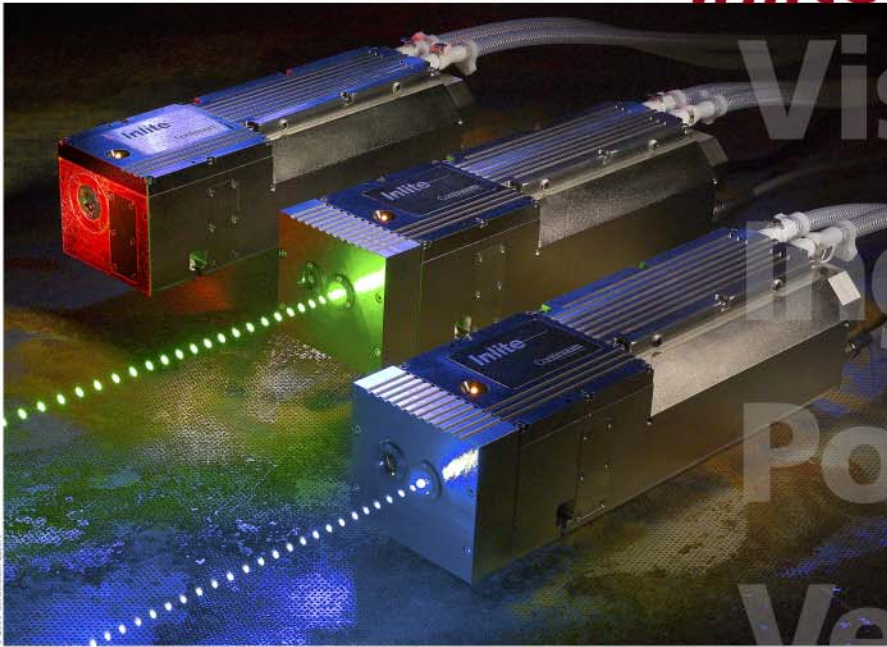


Inlite™



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Vision
Ingenuity
Power
Versatility

Introducing Inlite™, the Industrial YAG laser system

Continuum introduces a new pulsed YAG laser platform designed from the ground up to satisfy the needs of users in Industrial applications. Named Inlite, the design is compact and extremely rugged, drawing on the years of experience Continuum has in commercial product development. The basic design combines the best elements of our broad product portfolio to deliver unmatched performance and reliability.

Harmonic generators for 532 nm, 355 nm and 266 nm fit inside the laser head; there is no need for an external module. Pyro detectors can be added to control the laser in power mode or diagnose harmonics conversion efficiency. An automated attenuator is available for active power control. All of these features can be controlled from the on-board microprocessor in the laser head.

Field service and support were carefully considered in the Inlite design. Both laser heads and power supplies are interchangeable, with quick disconnects at both the laser head and power supply. Lamp lifetime is > 50 million shots, guaranteed. Lamp changes are fast, and since the lamp leads are not immersed in water there are never issues with corrosion of the cathode leading to catastrophic failure of the laser head. More up time and fewer

service calls are characteristics of a true Industrial design.

The Inlite power supply contains a full-featured command set and is run over an RS-232 bus; there is also a parallel open interface. A simple Windows-based graphical user interface is available for stand-alone operation. External TTL trigger and sync signals are available for low jitter operation.

Applications for Inlite include materials processing, Laser Induced Breakdown Spectroscopy (LIBS), Laser Induced Fluorescence (LIF), range finding, particle detection, inspection, marking and remote sensing.



The power supply can be configured as either a standard 6U rack-mount for ease of system integration, or a stand-alone tower for increased mobility, and comes with either water-to-water or water-to-air cooling.

For more information, please contact your local Continuum representative, www.continuumlasers.com, or call 1(888)532-1064.

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