

Agile Light Source

Featuring Optronic Laboratories' OL 490 Agile Light Source, the Hyperspectral Imaging system developed through a collaboration with U.T. Arlington and U.T. Southwestern Medical Center, was pre-selected to be a presenting technology at the World's Best Technologies (WBT) Showcase (March 24 – 25, 2009, Arlington-Dallas/Ft. Worth, TX). The WBT Showcase is the nation's premiere event for undiscovered technologies developed by universities, labs, and research facilities across the country and around the world. Because of its unprecedented level of flexibility and ability to provide high speed programmable spectral illumination, the OL 490 is a key component in this novel surgical hyperspectral imaging system, which may be used for applications such as real-time measurement of oxy-hemoglobin levels. The OL 490's high resolution spectra via a flexible liquid light guide makes it ideal for medical applications, in addition to microscopy, chemometrics, and hyperspectral and bioscience imaging. High speed USB interface and easy to use software controls allow synthesis of complex optical filter systems and rapid spectral rates up to 10 kHz.

(170 words)

Optronic Laboratories, Inc.
4632 36th Street
Orlando, FL 32811 USA

T: 407-422-3171
F: 407-648-5412
E: info@olinet.com
W: www.olinet.com