

Pavilion Integration Introduces WhisperIT™ CDRH Versions

June 24, 2006 – San Jose, CA - Pavilion Integration Corp. (PIC), a manufacturer of high performance laser sources, announced that it is expanding its WhisperIT™ product line by introducing a stand-alone controller unit (CDRH certified) for research users.

This new controller is a compact, easy-to-use accessory that provides the end-user a convenient way to operate and control WhisperIT™ lasers. For instance it allows simple adjustment of the laser output power over the full operating range. It includes an AC/DC power supply to drive any standard WhisperIT™ laser versions. The auto-ranging AC input allows its use internationally on any standard AC voltage source. It also covers safety requirements such as remote interlock functionality. The controller is just 115 mm wide, 50 mm high, and 76 mm deep.

This controller is universal, in that it can be paired with any of the WhisperIT™ family of fully integrated, full-time low-noise, CW

solid-state lasers. These span the spectrum from near I.R., through the visible, into the near-U.V., with the most popular wavelengths being: 532, 635, and 405 nm. Unique PIC proprietary technology eliminates the mode hops and noise bursts common in other manufacturers' products. Key features of these lasers are: low noise, excellent beam quality, highly stable output power and beam pointing stability, fast warm-up time, low heat dissipation and compact size. Single wavelength versions with free space or fiber coupled output formats are available, with all wavelengths packaged in the same housing design. The fiber coupled versions are fully pigtailed, eliminating instabilities from external mechanical coupling devices. Multiwavelength versions in a single compact package are also available. Accessories for WhisperIT™ lasers include fiber combiner modules that combine the outputs from 2 or 3 fiber-coupled lasers into a single optical fiber output.