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## Pavilion Integration Introduces Higher-Power 532 nm Laser

May 28, 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 increasing the output power of its miniature 532-nm laser modules to 30 mW, from the same compact package.

The 30-mW WhisperIT™ laser is based on PIC's unique monolithic 532 nm laser design that has been co-developed with Photop Technologies. This highly reliable, field-proven module meets or exceeds stringent customer requirements for low noise, excellent beam quality, highly stable output power and beam pointing stability, as well as long life. Additionally, it has very fast warm-up time, dissipates very little heat, and is highly costeffective.

The PIC WhisperIT™ 532 nm laser is ideally suited for instrumentation, reprographics and metrology customers. It has already been qualified by leading instrumentation manufacturers for use in their production instruments. It is an excellent fit for the next wave of Point-of-Care instruments due to its lower price-point. And its also well suited for portable applications, due to its low

power consumption and minimal heat dissipation, as well as being highly compact. Like others in the WhisperIT™ family, it is a fully integrated, full-time low-noise, CW solid-state laser. It is packaged in an identical housing design to the other wavelengths. A range of single and multi-wavelength versions with free space or fiber coupled output formats are available. Increasing the output power of the WhisperIT™ laser reflects PIC's continuing commitment to provide high-quality lasers that are well-matched to the needs of its volume OEM customers, while maintaining the flexibility to provide long-term solutions for developing applications.

This higher power 532-nm WhisperIT™ laser is ideal for improving throughput and sensitivity in a variety of life science applications. The laser head has the same output beam characteristics and is mechanically identical to the lower power versions, so it is easy to upgrade instrumentation to take advantage of the higher power. WhisperIT™ 532 nm lasers are now available at power levels over the range from 5 to 30 mW.