

## **QPC Lasers Introduces the Ultra-500(TM) High Power Laser Offering up to 425 Watts; Company Receives Multiple Orders and Ships Initial Units**

### ***New Product Family Offers Increased Power and Brightness for Use in Industrial, Defense and Medical Surgical Applications in the Near Infrared and Eye-safe Range***

QPC Lasers, Inc. (OTCBB:[QPCI](#)), announced today release of the Ultra-500™, a new product family based on its proprietary semiconductor laser chip technology that offers increased power and industry leading brightness for medical surgical, high power defense, and industrial micro-welding applications. The Company has won multiple orders for the new product and recently shipped initial units to customers.

"We have seen strong market demand for the Ultra-500™ in both the near-infrared and eye-safe wavelength regime, and have received multiple orders from both US and international customers," stated Paul Rudy, Ph.D., vice president of marketing and sales for QPC. "The Ultra-500™ expands our high brightness laser product line to offer more than 400 Watts from a compact module, and addresses numerous power-hungry applications in the industrial, defense, and medical surgical markets. Shipment of BrightLock™ Ultra-500™ lasers began last month to defense customers, and shipment of BrightLase® Ultra-500™ commenced earlier this month to medical customers," he concluded.

The Ultra-500™ laser family offers high power delivered in a narrow core diameter fiber at application specific wavelengths with several compelling advantages over traditional laser gas, solid state, or fiber laser technology. For medical customers, the BrightLase® Ultra-500™ features a compact, easy-to-use and cost-effective source for all-important eye-safe wavelengths targeting high water absorption peaks for precise surgical applications such as cancerous tumor treatment, benign prostrate hyperplasia, and emerging applications in cardiology. For industrial customers, the BrightLase® Ultra-500™ provides over 400 Watts at near infrared wavelengths from an energy-efficient, reliable and cost-effective package critical for laser micro-welding, engraving and marking applications. For defense customers, the BrightLock™ Ultra-500™ is a high performance laser pump engine, featuring up to 180 Watts in a compact, lightweight footprint with a narrow stable emission spectrum designed for solid state and fiber laser systems.

The BrightLase® Ultra-500™ Lasers deliver up to 425 Watts from 200, 400, and 800 micron fibers and are available at wavelengths including 792, 808, 976, 1064, 1320, and 1470 nm. BrightLock™ Ultra-500™ Lasers deliver up to 180 Watts and feature on-chip internal grating wavelength stabilization at 976 and 1532 nm from a 200 and 400 micron fiber.

The Ultra-500™ is the highest power product in QPC's Ultra™ product line that features QPC's BrightLase® and BrightLock™ proprietary advanced semiconductor laser technologies to uniquely deliver a high brightness laser beam from a compact, efficient, conduction cooled, rugged source available over a broad wavelength range. The Ultra-100™ was announced earlier this year and offers power up to 110 Watts from 792 to 1470 nm from a 100, 200, or 400 micron core diameter fiber. The Ultra-50™ was announced in 2006 and offers power up to 35 Watts from 792 to 1532 nm from a 100, 200 or 400 micron fiber.

### **Forward Looking Statements**

This release and other materials released by the Company from time to time contain or may contain forward looking statements and information that are based upon beliefs of, and information currently available to, the Company's management as well as estimates and assumptions made by the Company's management. When used in the materials the words

"anticipate", "believe", "estimate", "expect", "future", "intend", "plan" or the negative of these terms and similar expressions as they relate to the Company or the Company's management identify forward looking statements. Such statements reflect the current view of the Company with respect to future events and are subject to risks, uncertainties, assumptions and other factors (including the risks contained in the sections of the Company's reports filed with the Securities and Exchange Commission entitled "Risk Factors") relating to the Company's industry, the Company's operations and results of operations and any businesses that may be acquired by the Company. Should one or more of these risks or uncertainties materialize, or should the underlying assumptions prove incorrect, actual results may differ significantly from those anticipated, believed, estimated, expected, intended or planned. Although the Company believes that the expectations reflected in the forward looking statements are reasonable, the Company cannot guarantee future results, levels of activity, performance or achievements. Except as required by applicable law, including the securities laws of the United States, the Company does not intend to update any of the forward-looking statements to conform these statements to actual results. The following discussion should be read in conjunction with the Company's reports filed with the Securities and Exchange Commission.

### **About Quintessence Photonics Corporation**

Quintessence Photonics Corporation ([www.qpclasers.com](http://www.qpclasers.com)) is a world leader in the development and commercialization of high brightness, high power semiconductor lasers for the industrial, defense, and medical markets. Founded in the year 2000, QPCI is vertically integrated from epitaxy through packaging and performs all critical fabrication processes at its state-of-the-art high-technology facility in the Los Angeles suburb of Sylmar, CA.

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