IPG Photonics & Reliant Technologies Introduce New Integrated Industrial Scanning System

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Combining Patented Scanner Technology with a Fiber Laser for High Speed Spot Welding, High Speed Percussion Drilling and Other Material Processing Applications

SAN JOSE & MOUNTAIN VIEW, Calif., Jan 22, 2007 (BUSINESS WIRE) -- IPG Photonics Corporation (Nasdaq:IPGP) and Reliant Technologies, Inc. today announced the introduction of a revolutionary new industrial scanning system for high speed spot welding and drilling that can increase manufacturing throughput and end product performance. This new scanning system combines proprietary technology developed by Reliant for original use within their medical device products with IPG's proven industrial fiber lasers.

This industrial scanner provides the ability to rapidly dwell at a particular location for a programmed period of time with frequencies of up to 5,000 times per second. More importantly, the locations can be non-sequential to ensure thermal management on the material to be processed. These features enable the scanner to bring the precision of thermal heat management from medical device technology to industrial markets such as computers, consumer electronics and aerospace.

The scanner is well suited for high speed spot welding, high speed percussion drilling and material processing applications where thermal management and speed are important. It has only one moving part, making it very adaptable to manufacturing environments. Additionally, the scanner can be utilized with any high brightness fiber laser from IPG and eliminates the inaccuracies and mechanical problems associated with standard scanner technology.

In 2004, Reliant developed this scanning technology for use in the Fraxel(R) laser, providing a highly effective, safe and non-ablative treatment for patients requiring skin resurfacing. The launch of the Fraxel laser represented an industry breakthrough for its ability to penetrate precise fractions of skin, spot by spot, without breaking the skin's protective outer barrier, eliminating the downtime and risks associated with traditional medical treatments. This new industrial scanner for high speed spot welding is the first example of Reliant taking its proprietary scanning technology to new markets.

The scanner will be demonstrated at booth 1119 at the Photonics West Exhibition in San Jose, CA, January 22-25, 2007.

About IPG Photonics Corporation

IPG Photonics develops and manufactures fiber lasers and amplifiers for diverse applications in numerous markets. IPG's headquarters and manufacturing facilities are located in Oxford, Massachusetts and IPG operates additional manufacturing facilities in Germany, Russia and Italy, and it has regional sales offices in the United States, Japan, South Korea, India and the United Kingdom. For more information, visit www.ipgphotonics.com.

About the Fraxel(R) Lasers and Reliant Technologies

Reliant Technologies develops clinical solutions to repair and rejuvenate aging and environmentally damaged skin. Reliant is dedicated to providing the most advanced research, engineering and products to the global aesthetic marketplace. The Company's laser device is used primarily by aesthetic physicians to treat periorbital wrinkles, pigmented lesions and photo-damaged skin of the face and body. Reliant pioneered the development of fractional laser resurfacing which relies on novel high speed scanning systems and the Intelligent Optical Tracking(TM) system to produce safe and effective results with minimal recovery time. Reliant is headquartered in Mountain View, California. For more information visit www.fraxel.com.

The Fraxel laser family has quickly become the industry standard for aesthetic laser skin treatment. Because of its gentle, non-invasive approach to skin resurfacing, Fraxel lasers are safe and effective in treating all skin types and all areas of the face and body. The Fraxel laser has also received clearance from the US Food and Drug Administration (FDA) for treatment of pigmented lesions, melasma, periorbital wrinkles, acne scars, surgical scars, skin resurfacing and soft tissue coagulation.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements represent IPG's current expectations and beliefs. The forward-looking statements, including statements related to the industrial scanning system, are subject to certain risks and uncertainties that could cause the actual results, performance or achievements to be materially different from those expressed, expected or implied by the forward-looking statements. These risks and uncertainties are described in IPG's filings with the Securities and Exchange Commission. IPG does not undertake to update forward-looking information contained herein or elsewhere to reflect actual results, changes in assumptions or changes in other factors affecting such forward-looking information. You should not rely upon forward-looking statements as predictions of future events. We cannot assure you that

the events and circumstances reflected in the forward-looking statements will be achieved or occur, nor do we undertake any obligation to update any forward-looking statements for any reason after the date of this press release.

SOURCE: Reliant Technologies, Inc.


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