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EWI ACQUIRES STATE-OF-THE-ART LW2AG GREEN LASER New Green Laser Further Expands EWI's Laser Processing Capabilities

August 4, 2011 (Columbus, Ohio) – EWI has acquired a new Miyachi Unitek™ LW2AG, 532nm wavelength Green Laser for its laser welding lab at its headquarters in Columbus, Ohio. The state-of-the-art laser increases EWI's capability for non-contact joining of small conductive parts such as gold, copper, and copper alloys. The company will use the machine for a variety of joining applications for its manufacturing customers in the automotive, electronics, medical devices, advanced energy, and other industrial market segments.

According to Jay Eastman, Applications Engineer in EWI's Lasers Group, "This new laser produces a 532nm wavelength in the visible (green) spectrum, which is better absorbed by highly reflective materials. It allows us to do fast, precise, environmentally-friendly micro-welding of gold, copper, and copper alloys — opening up new application possibilities."

The LW2AG Green Laser further expands the in-house laser processing capabilities of EWI, an Ohio-based company that has been on the forefront of laser processes since the early 1990's. EWI developed the first high-speed video imaging technology to uncover the secrets of high power laser and hybrid laser welding. The Company achieved global recognition for its high-speed laser welding of thin sheet materials for batteries and fuel cells. It developed an optical device for laser paint stripping that is 200-300% more productive than other available technologies. It also operates the highest power (15 kW) fiber-delivered laser available in an independent research environment.

To learn more about EWI's laser lab capabilities, including those of its new LW2AG Green Laser, businesses should contact Jay Eastman at jeastman@ewi.org or 614.688.5109.

About EWI

EWI is an international thought-leader on materials joining and allied technologies. It uses technology innovation to increase the manufacturing competitiveness of over 2,700 member locations of global leaders in the aerospace, automotive, defense, energy and chemical, government, heavy manufacturing, and electronics industries. EWI also operates a variety of technology-based centers and consortia to further increase manufacturing innovation. To learn more, visit www.ewi.org, email info@ewi.org, or call 614.688.5000.

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