



NEWS RELEASE

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FOR IMMEDIATE RELEASE

Sonobond's Dual Head SpliceRite™ Ultrasonic Wire Splicer will be Exhibited at the National Electrical Wire Processing Technology Expo in Milwaukee, May 12-13.

The unit – introduced last year – represents a major breakthrough in innovative wire splicing technology. It reliably welds bundles with cross-sectional areas of up to 100 square millimeters, including tinned or heavily oxidized wires.

WEST CHESTER, Pennsylvania, March 24, 2010—Melissa Alleman, Vice President of Sonobond Ultrasonics, announced today that the company's Dual



Head SpliceRite™ Ultrasonic Wire Splicer will be exhibited at the National Electrical Wire Processing Technology Expo, May 12-13, 2010. In discussing the upcoming event, Ms. Alleman said, "Sonobond is very proud and pleased to make this equipment

available for Expo attendees to see. The unit made quite an impression when

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introduced at last year's event. We encourage those coming to Milwaukee this year to stop and see us at Booth #1513 in the Midwest Airlines Center. I know visitors will be impressed by the ability of the Dual Head SpliceRite™ to



comfortably weld wire bundles with cross-sectional areas of up to 100 square millimeters. This same unit also accommodates tinned or heavily oxidized wires that might otherwise stall the welding

process. No other ultrasonic welder can accomplish this in a single pulse.”

In discussing the growing demand for Sonobond's Dual Head SpliceRite™ Wire Splicer, Vice President Alleman said, “Because of this unit's unique capabilities, manufacturers are finding it especially suitable for applications involving the heavy cables used for cars, trucks, and industrial machinery.”

Advantages of Ultrasonic Welding

Ultrasonic welding offers important advantages to manufacturers. It creates solid-state metallurgical bonds *without the need for filler metal materials or for clipping, soldering, crimping, or dipping.* The welding process is also accomplished without producing arcs, sparks, or fumes and without melting wires. The Dual Head SpliceRite™ Ultrasonic Wire Splicer—like other Sonobond metal spot welders—utilizes the patented Wedge-Reed system. This system combines high vibratory force with low amplitude coupling. During the welding process, the unit directs high frequency ultrasonic energy via the welding tip to

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the surface between the metals to be bonded. The vibratory energy disperses



the oxides and surface films, creating a true metallurgical weld. There is no melting of materials. In addition to creating a very reliable bond, the process is

environmentally friendly, produces no waste, and consumes minimal energy.

Accommodating Larger Wire Bundles

True to its name, the Dual Head SpliceRite™ Ultrasonic Wire Splicer has two welding heads, one on each side of the weld area. As a result, larger wire bundles—those up to 100 square millimeters—can be spliced in just *one* quick step. This is true *even when wires are tinned or heavily oxidized*. The resulting welds have excellent conductivity. In addition, the unit has a 3,500-watt power supply and a microprocessor controller that can store and recall up to 250 jobs. Welds can be controlled by height, by energy, or by time.

All Sonobond metal spot welders—including the Dual Head SpliceRite™—feature heat-treated, tool steel taper lock tips. These tips can last for 100,000 welds or more. They are designed for quick tooling changes and fool-proof placement. Sonobond units also have an important advantage in that they *require only minimal training, while being easy to operate*.

According to Vice President Alleman, more and more companies are recognizing the advantages that Sonobond technology in general—and the Dual

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Head SpliceRite™ in particular—have to offer. She says, “I strongly encourage those attending the National Electrical Wire Processing Technology Expo to visit us at Booth #1513 in Milwaukee to discover what this and other Sonobond units can do for them. We will be very happy to arrange a free, no obligation Ultrasonic Welding Viability Test for their specific application.”

Sonobond’s Record of Innovation and Accomplishment

For 50 years, Sonobond Ultrasonics has been a respected, worldwide leader in the application of ultrasonic welding and bonding technology. In 1960, Sonobond—then known as AeroProjects—received the first patent ever awarded for ultrasonic metal welding. During the intervening years, Sonobond has earned an outstanding reputation for its pioneering work and quality-engineered products. Sonobond currently manufactures a complete line of ultrasonic bonding and welding equipment for a wide variety of customers in the electrical, automotive, appliance, HVAC, aerospace, filtration, medical, and apparel industries. In addition, Sonobond is committed to providing excellent customer service. Customers know they can confidently rely on Sonobond for superior technical and administrative support before, during, and after installation.

Additional Information

To learn more about Sonobond products—as well as for information about its free, no-obligation Ultrasonic Welding Viability Test—visit the company’s website at www.SonbondUltrasonics.com or call toll free 1-800-323-1269.

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Suggested photos/captions:

[Close up of the unit]

Sonobond's Dual Head SpliceRite™ Ultrasonic Wire Splicer accommodates bundles with cross-sectional areas up to 100 square millimeters. The unit will be on display at the National Electrical Wire Processing Technology Expo in Milwaukee, May 12-13, 2010.

[Variety of cables]

The reliability of Sonobond's Dual Head SpliceRite™ Ultrasonic Wire Splicer makes it ideal for a variety of applications. These include the production of heavy cables for cars, trucks, and industrial machinery.

[Single weld]

It takes *just one pulse* for the Sonobond Dual Head SpliceRite™ to ultrasonically weld tinned or heavily oxidized wires. You can see this unit at Booth #1513 at the National Electrical Wire Processing Technology Expo, May 12-13, 2010.