



Ultrasonic Battery Pack Welder

Welding electrical interconnections within systems such as battery packs has just become easier. Sonics' new UPBW ultrasonic welder can be either hand operated as shown suspended from a counterweight system or rigid mounted within a robotic or other type of automated system. A horizontally oriented version is also available which may also be suspended or mounted to a bench top.

Features of the UPBW include:

- Innovative design allows operation in tight areas
- Custom application-specific tooling is available
- Low cost replaceable welding tip and anvil
- Does not require any adhesives, solder or heat
- Parameter library allows storage of 1000 settings
- Weld quality monitoring
- Low power consumption

With the ease of using a stapler, high pull-strength, low impedance metallurgical welds are now possible. The patented design easily allows tooling customization to eliminate the need for mechanical connectors or soldering of today's battery packs.

Contact a Sonics ultrasonic metal welding application engineer today to assist with your requirement

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