



Series 40 Rotary Ultrasonic Welding Systems



General Description

Branson Series 40 Rotary Ultrasonic Welding Systems are durable, semi-automatic assembly systems featuring a precision Camco® indexer with a choice of a 24-32 inch aluminum dial plate, pneumatic controls, touch screen operator interface and an adjustable welder all mounted on a steel frame and a Blanchard ground tabletop. Series 40 Systems are custom configured to meet the needs of individual customers and may include auto pick & place, auto part positioning and/or clamping, air eject or air reject as required. Systems can include multiple welders: combinations of ultrasonics and spin, or incorporate other stations such as leak testers, pad printers, heat staking, etc.

The Series 40 systems are compatible with Branson 2000 Series Power Supplies and Actuators, 2000 IW and IW+ Integrated Welders as well as SW200 and SW200G Spin Welders.

Series 40 Welders are configured with Allen Bradley Touch screen operator interface controls and an Allen Bradley PLC.

The 2000 Series includes a new interface with a 4-line vacuum fluorescent display designed for

ease of use in setup, operation, and troubleshooting. The system also has enhanced data capabilities for configuration and information management.

The 2000 Series systems are available in 20 kHz, 30 kHz and 40 kHz and offer users the following welding modes: distance, time, energy compensation, or peak power.

The Series 40 Rotary Ultrasonic Welding System may be used for welding, staking, inserting, swaging, or spot welding thermoplastic parts.

Warranty

The Branson Series 40 Rotary Welding System carries a one year warranty on all table and indexer components, and a three year warranty on the Power Supply and Actuator or Integrated welder for any defects in materials or workmanship. Note: This warranty applies to equipment purchased and operated in the United States. For warranty information on units purchased and/or operated outside the U.S. contact your local representative.

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