ultrasonic OEM kits and components

for seamless integration into special assembly systems

Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials offers an array of OEM kits and stack components designed for installation into special assembly systems. Our OEM applications specialists can be contacted directly online or at the number below.

for more information: 1-800-745-1105  www.sonics.com
stack sequencer overview

Available in 4, 8 and 16 relay channel platforms and compatible with either 40 kHz or 20 kHz frequency components, the function of the Sequencer is to provide a reliable method of sequentially switching a single ultrasonic generator between as many as 16 independent ultrasonic converter stacks.

sequencer note

To prevent arcing, two internal delay times of 250 milliseconds each are provided to briefly delay the time between the switching of the relays. The first delay is “Ring Down” time which allows energy within the ultrasonic converter to dissipate and the second delay is “Relay Bounce” time which allows the relay to settle before releasing contact for the next sequential converter stack command for ultrasonics on.