Models T40M • T40A

40 kHz Ultrasonic Plastic Tube Sealing System

Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials, Inc. offers two 40 kHz Tube Sealers.

Sonics & Materials’ 40 kHz ULTRASONIC TUBE SEALERS offer fast, clean and repeatable sealing of plastic or laminated collapsible squeeze tubes in a single step process. Two 40 kHz models are available: Model T40M, a bench top system for operator load and unload, and Model T40A, a power head actuator for automated in-line production systems.

Ultrasonic welding, or sealing, is a process that combines high frequency mechanical vibrations and pressure. This combination of mechanical action and force creates friction that generates heat to instantaneously melt and fuse the plastic tube.

Our ultrasonic tube sealers accommodate the wide variety of tube materials used in automotive, hardware, pharmaceutical, food, cosmetics, medical and scientific applications. For example, suitable materials include butyrate, cellulosics, nylon, polyester, polyethylene, polypropylene, PVC and other laminated materials.

for more information: 1-800-745-1105  www.sonics.com
New Features:
- Digital Amplitude Control
- Ultrasonic Horn/Stack Frequency Display
- Good Part/Bad Part Output Signal
- 30% smaller footprint

Specifications:
- **Power Output**: 800 Watts
- **Input Voltage**: 220 VAC nominal (120 VAC optional)
- **Dimensions**: 6.50” (165.1 mm) High x 15.25” (387.3 mm) Wide x 17.00” (431.8 mm) Deep
- **Weight**: 21 lbs. (9.5 kg)

Other Standard Features:
- Automatic Frequency Tuning
- Multiple Job Storage
- Digital Force Triggering
- Calibration Pulse Prior to Every Weld Cycle
- Back-Lit LCD Display
- Ultrasonics Load Meter Scale
- Upper and Lower Weld Limit Settings
- RS232 Serial Port Printer Output
- Optional PLC I/O (Input/Output) Ports
- Soft Start Overload Protection Circuitry
- Load Regulation Circuitry
- Optional Linear Encoder for Distance Welding (distance mode settings in English or metric units)

Also Available!
Ultrasonic kits – ideal for OEM systems integrators and machinery builders.