



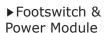
# **TS-12 Heat Sealer**

**Lako Tool** is proud to announce the **TS-12 Heat Seal Tester**. The **TS-12** is one of the most precise and consistent table top Heat Seal Tester available. The **heat sealer** is designed to produce heated crimp seals for flexible packaging materials. The digitally controlled heat sealer allows independent upper and lower seal jaw temperature and accurately controls the temperature across the entire length of seal.

The seal pressure is changed by simply adjusting the analog gauge which controls the cylinder pressure. The **TS-12 Heat Seal Tester** insures sealing consistency for each sample and allows for seal testing, sample package development or small production sealing.



▲ Quick-Change Seal Jaw Insert







#### **TS-12 Heat Sealer Standard Features**

- Digitally controlled temperature
- Digitally controlled dwell time
- Independent upper and lower sealing temperatures
- Footswitch
- Safety guards and switches for safe operation
- Maintenance hardware
- Film Tray
- Auto Cycle switch allows continuous cycling of sealing jaws for quick sample sealing. This feature helps reduce operator fatigue by eliminating the need to use the foot switch for each seal.
- Conforms to ASTM F2029 Standard Practices for Making Heatseals for Determination of Heatsealability of Flexible Webs as Measured by Seal Strength

#### **TS-12 Heat Sealer Optional Features**

• Quick-Change Seal Jaw Inserts with any seal pattern up to 30.4 cm long (12 in)

(The Quick-Change Seal Jaw Inserts allow the operator to change the sealing pattern in a matter of minutes without having to change heaters or wiring)

- Many insert materials and coatings are available
- Phenolic seal jaw tray
- On site training

## TS-12 Heat Sealer



TS-12 HEAT SEALER

### **Performance Data**

**Sealing Temperature** 

Range Ambient - 200 °C (392 °F)

Resolution  $\pm 0.1 \,^{\circ}\text{C} \, (0.18 \,^{\circ}\text{F})$ Measuring Accuracy  $\pm 2.0 \,^{\circ}\text{C} \, (3.6 \,^{\circ}\text{F})$ Control Band  $\pm 0.2 \,^{\circ}\text{C} \, (0.36 \,^{\circ}\text{F})$ 

**Sealing Pressure** 

Range 68.9 kPa-1275 kPa (10 psi-185 psi)

Control Accuracy Analog Gauge Resolution 13.8 kPa (2 psi)

**Sealing Dwell Time** 

 $\begin{array}{ll} \text{Range} & 0.20 \text{ to } 99.9 \text{ s} \\ \text{Control Accuracy} & \pm 0.025 \text{ ms} \\ \text{Resolution} & 10 \text{ ms} \end{array}$ 



Length 30.4 cm (12 in) Maximum Width 5 - 25.4 mm (0.197 - 1.00 in)

Seal Surface Flat, Vertical, Horizontal, Custom or Standard Geometry

\*All jaws designed for quick & easy changeover

Machine Control Digital & Analog Controls

**Machine Requirements** 

Power 110V to 240V 50/60 Hz, 1000 VA

Air (clean, dry) 621-827 kPa (90psi - 120psi ) 621 kPA (90 psi) recommended. Minimum pressure switch is built in.

**Physical Specifications** 

W x D x H 50.8 cm x 22.8 cm x 27.9 cm (20 in x 9 in x 11 in)

Weight 22.6 kg (50 lbs.)

For more information on **Lako's TS-12 Heat Sealer**, or any of our products, contact **Testing Machines Inc.** at 302-613-5600 or email: info@testingmachines.com

