

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

► Footswitch & Power Module



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

Performance Data

Sealing Temperature

Range	Ambient - 200 °C (392 °F)
Resolution	± 0.1 °C (0.18 °F)
Measuring Accuracy	± 2.0 °C (3.6 °F)
Control Band	± 0.2 °C (0.36 °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

Range	0.20 to 99.9 s
Control Accuracy	± 0.025 ms
Resolution	10 ms

Sealing Jaw Options

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 631-439-5400 or email: info@testingmachines.com

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