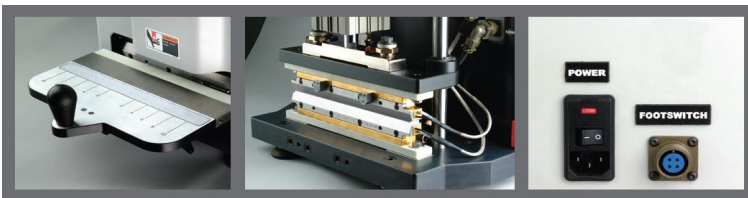


## SL-2 Digital Heat Sealer

**Lako Tool** is proud to introduce the **SL-2 Digital Heat Sealer**. The **SL-2 Digital Heat Seal Tester** is a precision heat sealer designed to duplicate heated crimp seals for the flexible packaging industry.

The digitally controlled heat sealer allows independent upper and lower seal jaw temperature. The controlled temperature is assured to  $\pm 1.1^{\circ}\text{C}$  ( $\pm 2^{\circ}\text{F}$ ) across the entire width of the film sample. The dwell timer is switch controlled to insure actual dwell time on the seal specimen.

The **SL-2 Digital Heat Sealer** insures sealing consistency for each sample and allows the operator to duplicate and analyze sealing applications in flexible packaging.



▲ Manual Loading Tray

▲ Quick Change Seal Jaws

▲ Footswitch & Power Module

### SL-2 Digital Heat Sealer Optional Features

- Additional quick-change seal jaw inserts with any seal pattern 5 to 12 in long (12.7 to 30.4 cm)
- Manual sample loading tray accepts film 2 to 12 in wide (5 to 30.4 cm)
- Phenolic seal jaw tray
- On site training

### SL-2 Digital Heat Sealer Standard Features

- Digitally controlled temperature and dwell time
- Independent upper and lower sealing temperatures
- Measures actual dwell time on the sealing sample
- One pair of Quick-Change Seal Jaw Inserts 5 to 12in long (12.7 to 30.4 cm) with desired seal pattern (*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*)
- Footswitch
- Safety guards and switches for safe operation
- Case with hardware
- Conforms to ASTM F2029 Standard Practices for Making Heatseals for Determination of Heatsealability of Flexible Webs as Measured by Seal Strength

# SL-2 Digital Heat Sealer

## Performance Data

### Sealing Temperature

Range	Ambient - 400°C (752 °F)
Resolution	± 0.1°C (1.8 °F)
Measuring Accuracy	± 0.70°C (1.26 °F)
Control Band	± .2 °C (0.36 °F)

### Sealing Pressure

Range	68.9 kpa - 4830 kPa (10 psi -700 psi)
Resolution	1.38 kPa (.2 psi)

### Sealing Dwell Time

Range	0.20 - 99.99 s
Resolution	10 ms
Control Accuracy	± 0.025 ms
Repeatability	± 50ms

### Sealing Jaw Options

Length	12 in (30.4 cm) Maximum
Width	0.197 -1.00 in (5 - 25.4 mm)
Seal Surface	Flat, Vertical, Horizontal, Custom or Standard Geometry

\*All jaws designed for quick & easy changeover

### Machine Requirements

Power	110V to 240V 50/60 Hz, 1000 VA
Air (clean, dry)	90psi - 120psi (90psi is recommended)

### Physical Specifications

W x D x H	23 in x 15-3/4 in x 24-3/8 in (58.4 cm x 40 cm x 63 cm)
Weight	135 lbs.(61.2 kg)



For more information on **Lako's SL-2 Digital Heat Sealer**, or any of our products, contact **Testing Machines Inc.** at 631-439-5400 or email: [info@testingmachines.com](mailto:info@testingmachines.com)

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