



Heat Sealer TS-12

Model 75-58

The TS-12 is one of the most precise and consistent table top sealers 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 ensures sealing consistency for each sample and allows for seal testing, sample package development or small production sealing.

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

Optional Features:

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



Quick-Change Seal Jaw insert



Footswitch & Power Module

Technical Specification:

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	68.9kPa–1275kPa (10psi–185psi)
Control Accuracy	Analog Gauge
Resolution	13.8kPa (2psi)

Sealing Dwell Time:

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

Sealing Jaw Options:

Length	30.4cm (12in) Maximum
Width	5–25.4mm (0.197–1.00in)
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 50/60Hz, 1000VA
Air (clean, dry)	621–827kPa (90–120psi) 621kPa (90psi) recommended. Minimum pressure switch is built in.

Physical Specifications:

WxDxH	50.8cm x 22.8cm x 27.9cm (20in x 9in x 11in)
Weight	22.6kg (50lbs.)

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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