



TS12 Heat Sealer

TS12 Heat Sealer is a precision heat sealer designed to produce heated crimp seals for flexible packaging materials in the laboratory.

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 cylinder input pressure. The TS12 ensures sealing consistency for each sample and allows for seal testing, sample package development or small production sealing.



Standard features

- Selectable digitally controlled temperature
- Selectable digitally controlled dwell time
- Heated upper and lower jaw
- Selectable independent upper and lower sealing temperatures
- Footswitch
- Safety guards and switches for safe operation
- Maintenance hardware
- Film tray

Optional features

- Quick-Change Seal Jaw Inserts with any seal pattern up to 12" long. (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



TENDRING *pacific*

Norfolk House, Great Chesterford Court, Great Chesterford, Essex CB10 1PF

T: (44) 0870 240 1886 F: (44) 0870 240 1887

E: sales@tendringpacific.com

www.tendringpacific.com

TS12 Heat Sealer

Performance data

Sealing temperature

Range ambient–205°C

Resolution $\pm 0.1^\circ\text{C}$

Measuring accuracy $\pm 0.15^\circ\text{C}$

Control band $\pm 0.2^\circ\text{C}$

Sealing pressure

Range 193 kPa (28 psi), 773 kPa (112 psi) and 1290 kPa (187 psi)

Resolution analog gauge

Sealing dwell time

Range 250 ms–99 s

Resolution 10 ms

Sealing jaw options

Length 305 mm maximum

Width 6.35–25.4 mm

Seal surface flat, vertical, horizontal, custom or standard geometry

(All jaws designed for quick and easy changeover)

Power requirements 110 or 230 V, 50/60 Hz

Instrument air 485 kPa min, 840 kPa max

Physical specifications

Dimensions 406 × 254 × 305 mm (W × D × H)

Weight approx. 21 kg

