

a measurable difference...



Laboratory Heat Sealer

Model: L0001

This is a compact, easy-to-use Laboratory Heat Sealer, designed to be used for development work to help determine the sealing properties and characteristics of plastic and laminated materials. The Heat Sealer is electrically heated and temperature controlled with adjustable sealing pressure, controlled by a timer. Sealing Bars are covered with Teflon for non-stick, and easy use. Sealing is initiated by a foot switch, powering a pneumatic cylinder to lower the Upper Sealing Bar to seal. The timer determines the length of time the Sealing Bars will be in contact at the adjusted sealing pressure.

Application:

- Flexible Packaging
- Plastic Films
- Plastic Laminates

Features:

- Upper and Lower Temperature Controllers, Ambient to 300°C
- 10mm x 180mm Sealing Bars
- Sealing Area 5 x 180 mm
- Changeable Sealing Bars
- Adjustable Sealing Pressure
- Sealing Time variable by timer setting 0 - 999.9 secs
- Maximum sealing force at 80psi - 280kg per 10cm²
- Foot Switch
- Safety Guard

Standards:

- ASTM F2029

Options:

- Wave Sealing Bars
- 10 x 180 mm Sealing Bars
- 15 x 180 mm Sealing Bars
- 20 x 180 mm Sealing Bars



Connections:

- **Air:** 80 psi Maximum
- **Electrical:** 220/240 VAC @ 50 HZ or 110 VAC @ 60 HZ

(please specify when ordering)

Dimensions:

- **H:** 400mm
- **W:** 350mm
- **D:** 350mm
- **Weight:** 25kg

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