

HSB-1

Laboratory Heat Sealer

LABORATORY HEAT SEALER FOR STANDARD DETERMINATION OF HEAT SEAL THRESHOLD.
 PRODUCES SEALS 5-25MM WIDE AND UP TO 350MM LONG.

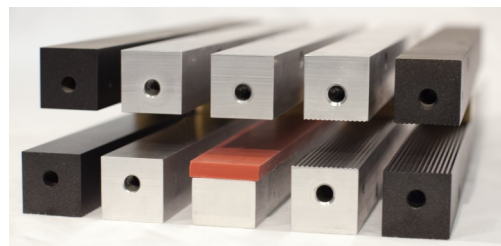


Benefits:

- Choose heat sealing bar configuration, either single (upper) or dual (upper & lower, meets ASTM F2029)
- User can easily change sealing bar for various surface areas or surface finishes
- Accurate and repeatable seals due to precision ground sealing faces and jaw alignment system
- Versatile applications for flexible materials, blister packs and pots
- Low Maintenance - 12 months between calibrations

Features:

- Pressure calibration of standard surface area jaw face
- Temperature digital controllers, pressure and dwell time dial controllers (upgrade to precision digital controllers as required)
- Jaws constructed in aluminium and silicone with precision ground faces
- Range of jaw face surfaces including Matched Crimp and Teflon Coating



Sealing Bars - Flat Metal, Rubber, and Crimp, with or without Teflon Coating.



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Specification

| | |
|----------------------------|--|
| Seal Width | 300 mm max. (Option to extend to 350mm) |
| Temperature Control | Range: Ambient to 300°C, Accuracy: +/- 0.5%, Operating Accuracy: +/-2°C. Single (Upper) sealing jaw temperature control, or Dual (Upper & Lower) sealing jaw temperature control. |
| Pressure | Range: 0 to 100psi (6.8bar, 689Kpa), via dial pressure gauge, pressure control via precision regulator. Operating Accuracy +/-10%, Repeatability +/- 5psi. Supply via clean and dry compressed airline or bottled air/nitrogen at 90 to 100psi |
| Dwell Time | Range: 0.1 to 99.9 sec., Resolution 0.01 sec |
| Jaw Guidance System | Quick release mechanism for simple jaw changeover. |
| Sealing Jaws | Standard flat jaws 25mm x 300mm, constructed in aluminium with precision ground face. Lower sealing jaw with precision ground silicone rubber face. (See options below) |
| Environment: | 5-50°C ambient operating temperature, RH 75% max (non-condensing) |
| Power | 240V AC 50/60 Hz (110V AC voltage available on request) |
| Dimensions | W 50 x D 35 x H 47 cm, 27kg |

Options

- Single (Upper) sealing jaw temperature control or Dual (Upper & Lower) sealing jaw temperature control
- Sealing jaw dimension/profile as required (inc. Matched crimp 120° x 1.8mm pitch)
- Upgrade to digital pressure transducer/readout, and digital dwell timer.
- Stainless Steel sealing jaws
- Teflon Coated Tape or Teflon Coated Jaws
- Footswitch
- PVC Dust Cover
- Alarm package for temperature High/Low, selectable
- Cold seal system
- Digital thermometer with s/s band probe to check jaw temperature (see image)

