



HS-650 Production Heat Sealer

Precision heat sealer for production of repeatable high quality heat seals in packaging, validation to iso 11607. Produces seals 10mm wide and up to 650mm long.

Benefits

Choose heat sealing bar configuration, either single (upper) or dual (upper & lower, meets ASTM F2029).

Sealing bar can be specified to suit various surface areas or surface finishes.

Accurate and repeatable seals due to precision ground sealing faces and advanced jaw guidance system.

Versatile applications for flexible materials, porous and non-porous films, foils and blister packs.

Low Maintenance - 12 months between calibrations.

Features

Individual panel mounted controllers for temperature, pressure and dwell /delay times.

Precise pressure calibration of standard surface area jaw face.

Jaws constructed in aluminium and silicone with precision ground faces.

Range of jaw face surfaces including Matched Crimp and teflon Coating.

Alarm package to monitor and inhibit operation when temperature or pressure out of specification.

Lockable Perspex front cover to protect machine settings.

Optional auto-cycle and delay timer.



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Specification Models

HS-650 Single—Upper jaw temperature controlled
HS-650 Dual—Upper & Lower jaw temperature controlled.

Seal Width

Up to 650 mm max.

Controller

Individual panel mounted controllers for temperature, pressure and dwell times. Optional footswitch operation.

Temperature Control

Range: Ambient to 300°C,
Accuracy: +/- 0.5%, Operating Accuracy: +/-2°C. User definable alarm for over/under set level.

Pressure

Range: 0 to 100psi (6.8bar, 689Kpa), via digital pressure gauge, pressure control via precision regulator. Accuracy +/-5%. User definable alarm for over/under set level. Supply via clean and dry compressed airline or bottled air/nitrogen at 75 to 115psi.

Dwell Time

Range: 0.1 to 99.9 sec., Resolution 0.1 sec. Accuracy +/-5%.

Delay Time

Delay Time Range: 0.1 to 99.9 sec.

Jaw Alignment System

Jaw alignment for even closure, resulting in consistently high quality seals.

Sealing Jaws

Standard flat jaws 10mm x 650mm, 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 available on request).

Options

Sealing jaw dimension/profile as required (inc. Matched crimp 120° x 1.8mm pitch).

Teflon Coated Tape or Teflon Coated Jaws.

Auto Cycle runs machine continuously, with delay time between cycles.

Guillotine cutter.

Validation documentation / service.



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