



The satisfactory development, manufacture, conversion and application of flexible packaging films necessitates using precise methods of research and quality control. The HS-2 was developed to precisely control the parameters essential in determining the heat seal threshold. Especially suited for flexible packaging materials, the HS-2 features accurate control of temperature, pressure and dwell time of a standard surface area sealing jaw. Because of its stability, repeatability and reliability, the test machine quickly became the industry standard.

Temperature control:

Digital P.I.D. auto tuning controller, range 0–400°C with platinum resistance PT100 sensor.

Accuracy +/- 0.5% F.S.

Operation accuracy +/- 0.5% of range.

Pressure control:

Precision regulator controller 0–100 PSI repeatability 0.02 PSI.

Indication via digital indicator and strain gauge transducer.

Accuracy 0.25% F.S.

Operation accuracy +/- 5% of range.

Dwell time control:

Digital quartz timer, range 0.1–10 secs.

Accuracy +/- 0.01%.

Operation accuracy +/- 5% F.S.

Delay time:

Timing relay adjustable 0–10 secs.

Jaws:

Fitted as standard 25 x 50mm ground flat top jaw and silicone rubber (60 shore) bottom jaw.

Optional matching ground flat bottom jaw.

Optional matching profiled jaws, top and bottom assembly. 120° x 1.8mm pitch.

Jaw alignment:

Adjustable in four planes top and bottom.

Pressure supply:

Minimum 3 bar (43 PSI).

Maximum 7 bar (100 PSI).

Compressed air clean and dry.

Supply voltage:

240 VAC 50/60 Hz (110 VAC 50/60 Hz on request).

Unit 46 Golds Nursery Business Park, Jenkins Drive, Elsenham,
Bishop's Stortford, Herts CM22 6JX.
Telephone: +44 (0) 1279 817171 Fax: +44 (0) 1279 815743
e-mail: rdmtest@aol.com Internet: www.worldsites.net/rdm



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