

HST-H3

Heat Seal Tester

HST-H3 Heat Seal Tester seals the specimen to test the seal parameters of laminated films, coating paper and other heat sealing laminated films according to the requirement of relative standards. The seal parameters include heat seal temperature, dwell time and pressure of heat seal. Different melting point, heat stability, fluidness and thickness of heat seal materials could make heat seal properties various, which causes obviously different seal technique. Users can obtain a standard heat seal index by the HST-H3 Heat Seal Tester.

Configuration characteristics

- Mechanical-electrical integration of control system, seal parameters are changeable in a certain extent and are displayed on LCD, high in automation, friendly human-equipment interaction.
- Gas cylinder far from the heating element. Lower barycentre, steady heat seal.
- Multifold heat sealing method, which could be specially designed according to customer's requirements and easy to change.
- Solid heat sealing device, heating elements designed specially, even heat emission, long service life.
- Protected heating elements.



Features

- Micro-computer controls, LCD displays data.
- Micro-computer controls heat sealing parameters accurately.
- P.I.D digital temperature control system, seal surfaces' temperature are even.
- World famous pressure control elements.
- Solid mechanical design.
- Communication and printing function.
- Operator friendly design.

Physical specifications

Dimensions

536 mm × 335 mm × 413 mm (L x B x H)

Net Weight

43 kg

Standards

ASTM F2029

Technical data

Seal temperature

Room temperature~300 °C (accuracy: ± 0.2 °C)

Dwell time

0.1~999.9 s

Dwell pressure

0.05~0.7MPa

Seal surface

330 mm×10 mm

Heater type

Single heated surface or double heated surfaces

Gas supply pressure

≤ 0.7MPa

Power

AC 220V 50Hz

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