

HST-01A Heat Seal Tester

HST-01A Heat Seal Tester seals the specimen to determine the seal parameters of basic film, 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 the pressure of heat seal. Heat seal materials that have different melting point, heat stability, fluidness, and thickness of could show various heat seal properties, which cause obviously different seal technique.



CHARACTERISTICS

- 7 inch TFT touching screen makes parameter setting and operation easy and convenient
- PLC for precise dwell time and sealing pressure control
- P.I.D. for precise sealing temperature control
- Uniform heating by aluminum encapsulated sealing jaws and no inhomogeneous heating
- Multiple groups of test parameters can be saved to reduce setting time and eliminate human error
- Independent heating of upper and lower sealing jaws on the model of Heat Seal Tester.
- Sealing jaw customization available in term of dimension, shape and surface

TECHNICAL INDEXES

- Seal Temperature: room temperature~300°C
- Temperature Control Accuracy: $\pm 0.2^{\circ}\text{C}$
- Dwell Time: 0.1s~9999s
- Dwell Pressure: 0.15MPa~0.7MPa
- Seal Surface: 330 mm x 10 mm (Sealing Surface)(Customization Available)
- Heat Type: Double heat surface
- Gas Source Pressure: 0.5MPa~0.7Mpa (Users prepare gas source themselves)
- Gas Source Inlet: $\Phi 6\text{mm}$ polyurethane pipe
- Power: AC 220V 50Hz

STANDARDS

ASTM F2029

CONFIGURATION

Standard: Mainframe, footswitch

Please Note: pictures used are for illustration purposes only and may differ from the actual product received.

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