

HEAT SEAL TESTER

HST-01

Product code [RL-HS-A](#)

RYCOLAB



Heat Seal Tester is applied in measuring heatsealability of a surface, or sealant layer of films, laminates, composites and polymers etc. How well the material heat seals is expressed quantitatively as seal strength as a function of the sealing conditions of temperature, time and pressure.

Technical specifications

- Sealing temp.: Room Temp. ~ 300 °C
- Deviation: ± 0.2 °C
- Sealing time: 0.1s ~ 9999s
- Sealing Pressure: 0.15 MPa ~ 0.7 MPa
- Seal jaws: 330 mm \times 10 mm (Customization Available)
- Gas pressure: 0.7 MPa
- Port Size: $\varnothing 6$ mm PU Hose
- Dimensions: 455mm (L) \times 320mm (W) \times 440mm (H)
- Power: AC 220V 50Hz (Customization Available)

Features

- HMI touch screen operated
- PLC and high resolution pressure sensor for precise dwell time and sealing pressure
- P.I.D. temperature control
- Uniform heating by aluminum encapsulated sealing jaws
- Sealing jaw customization available in term of dimension, shape and surface etc
- Parameters digital inputting
- Independent heating of upper and lower sealing jaws
- Manual and foot switch starting test, anti-scald

Applicable standards

ASTM F2029