

Gradient heat seal tester

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

RYCOLAB



Gradient Heat Seal Tester is professionally designed for the precise measurement of five groups of sealing temperature, time and pressure. How well the material heatseals is expressed quantitatively as seal strength as a function of the sealing conditions of temperature, time and pressure.

Features

- PLC control and 7 inch touching screen operation
- Five groups sealing temperature measured with one test
- Proximity and pressure sensor for precise dwell time and sealing pressure control
- P.I.D. temperature control
- Foot pedal equipped
- Uniform heating by aluminum encapsulated sealing jaws
- Independent heating of upper and lower sealing jaws
- Sealing jaw customization available
- RS 232 port with professional software

Standards

ASTM F2029

Technical specification

- Sealing Temp. Room Temp.: 300 °C
- Temp. Gradient ≤ 20 °C
- Deviation ± 0.2 °C
- Sealing Time 0.1s~9999s
- Sealing Pressure 0.15 MPa~0.7 MPa
- Seal Jaws 40mm×10mm×5
- Gas Pressure 0.7 MPa
- Port Size $\varnothing 6$ mm PU Hose
- Power AC 220V 50Hz