

# Heat Seal Tester LTH-H3



LTH-H3 Heat Seal Tester is composed of upper and lower heat sealing jaws. Before the test, preset the heat seal temperature, pressure and dwell time value, place the specimen in between the upper and lower jaws, and then press start button. The whole sealing process can be finished automatically.

## Features

### Professional

LTH-H3 Heat Seal Tester is based on the heat sealing method, and is professionally applicable to the determination of heat seal temperature, dwell time, and the pressure of various composite films to guide industrial production. The instrument adopts the specially designed heat sealing jaws, which completely conform to multiple national and international standards.

- Digital P.I.D. temperature control technology ensures the preset temperature to be reached rapidly without any fluctuation
- Wide range control of temperature, pressure and time that meet various test conditions
- Manual or pedal switch, as well as anti-scald design provides convenient and safe operating environment
- The instrument is controlled by micro-computer with LCD, PVC operation panel and menu interface
- Professional software supports remote operation for convenient data saving, exporting, and printing

## Precision

LTH-H3 Heat Seal Tester utilizes precision mechanical structure design. The aluminum-encapsulated heat sealing jaws ensure uniform heat spreading along the sealing surface; cylinder-controlled sealing jaws equally apply pressure upon test specimens; rapidly removable heating tube joints provide convenient operation.

- Aluminum-encapsulated sealing jaws provide even and uniform temperature for different sealing surfaces
- Dual underneath type of gas cylinders ensure stable pressure during the test process
- The heating tube joints can be easily installed or removed for rapid replacement

## Standards

This test instrument conforms to the following standards:  
ASTM F2029, QB/T 2358, YBB 00122003

Specifications	LTH-H3
Sealing Temperature	Room temperature ~ 300°C
Temperature Control Accuracy	±0.2°C
Temperature Measuring Accuracy	±1°C (Room Temperature ~ 120°C, Sealing Area ≤ 270mm)
Dwell Time	0.01~999.9 s
Sealing Pressure	0.05 MPa ~ 0.7MPa
Sealing Area	330 mm x 10 mm (customization available)
Heating Mode	Single heating surface or double heating surfaces
Gas Supply Pressure	0.7 MPa ~ 0.8MPa (outside of supply scope)



Link Testing  
Only for Flexible Packaging

<b>Port Size</b>	Φ6 mm PU Tubing
<b>Instrument Dimension</b>	536 mm (L) x 335 mm (W) x 413 mm (H)
<b>Power Supply</b>	220VAC 50Hz / 120VAC 60Hz
<b>Net Weight</b>	43 Kg

Standard Configurations  
Instrument and Pedal Switch  
Optional Parts  
Air compressor and sample cutter