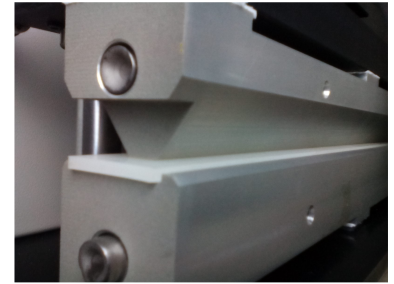
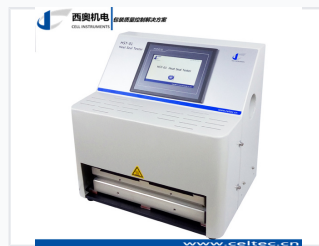


Heat Seal Tester for Films and Laminates

This heat seal tester precisely measures sealing temperature, time, and pressure. It determines the heatsealability of films, laminates, composites, and polymers by quantifying seal strength under various sealing conditions.



ADDITIONAL IMAGES



Overview

Precision Heat Seal Testing

This Heat Seal Tester is professionally designed for the precise measurement of sealing temperature, time, and pressure, essential for determining the heat-sealability of films, laminates, composites, and polymers. It provides quantitative seal strength analysis based on sealing conditions, ensuring package integrity and consistent quality control. The device features an intuitive 7-inch touch screen, independent heating control for upper and lower jaws, and precise P.I.D. temperature regulation to eliminate human error and streamline testing workflows.

Key Features

Advanced Capabilities

- 7-inch TFT touch screen interface
- PLC control for precise dwell time and pressure
- P.I.D. temperature control system
- Uniform heating via aluminum encapsulated jaws
- Independent heating for upper and lower jaws
- Saved test parameter groups for consistency
- Customizable sealing jaw dimensions and surfaces

Technical Specifications

Sealing Temperature Range	300 °C
Temperature Deviation	0.2 °C
Dwell Time Range	0.1s - 9999s
Sealing Pressure Range	0.15 MPa - 0.7 MPa
Sealing Jaws Dimensions	330mm x 10mm
Required Gas Pressure	0.7 MPa
Port Size	3/8" PU Hose

Compliance

Conforming Standards	ASTM F2029, QB/T 2358, YBB 00122003
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Dimensions

Overall Dimensions

455 mm

Length

320 mm

Width

440 mm

Height