

Heat Seal Tester for Flexible Packaging

This heat seal tester evaluates the heat sealing performance of flexible packaging materials. It controls sealing temperature, pressure, and dwell time to simulate real-world packaging conditions.



ADDITIONAL IMAGES



Product Overview

Precision Heat Seal Testing

This Heat Seal Tester is designed to accurately measure critical sealing properties for flexible packaging, including temperature range, seal intensity, and sealing speed. It is an essential tool for evaluating plastic films, composite membranes, coated papers, and aluminum foils. By simulating real-world conditions with precise control over pressure and dwell time, it ensures optimal seal integrity for quality control and R&D applications.

Technical Specifications

Power Supply	AC220V 50HZ
Compressed Air Requirement	8 kg/cm2
Heat Sealing Plane Dimensions	300mm x 10mm
Heat Sealing Time Range	0.01s - 99.99h
Heat Sealing Pressure Range	0 - 0.8 Mp

Compliance & Usage

Suitable Materials

- Plastic packaging film
- Flexible packaging composite membrane
- Coating paper
- Aluminum foil

Key Features

Digital Display • Pneumatic Pressure Control • Adjustable Parameters • Silicone Pad Included

Compliance Standards	ASTM F2029-2000
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