

Flexible Packaging Heat Seal Tester

This tester is designed for assessing the heat seal strength of plastic film and flexible packaging. It features temperature control and is compliant with ASTM F88 and ASTM F1912 standards.



Product Overview

Precision Heat Seal Testing

The Flexible Packaging Heat Seal Tester is an essential instrument for evaluating the heat-sealing properties of plastic films, composite membranes, and coated papers. It provides precise control over critical testing parameters including temperature, pressure, and sealing time to ensure reliable quality control. Designed for versatility, it supports both manual and automatic operation modes, making it suitable for research and industrial applications in the food and pharmaceutical sectors.

Technical Specifications

Power Supply	AC220V 50HZ
Compressed Air	8 kg/cm ²
Heat Sealing Plane Dimensions	300mm x 10mm
Sealing Surface Features	Slick surface, Silicon pad in lower seal stick

Performance Metrics

Heat Sealing Temperature

20 °C Min Temperature	300 °C Max Temperature
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Temperature Precision	1 °C
Heat Sealing Time Range	0.01s to 99.99h

Instrument Design

Core Systems

- Pneumatic drive system
- Heat-sealing equipment
- Temperature adjustment system
- Time adjustment system

Operation Modes

Manual • Automatic