

Heating Seal Tester for Flexible Packaging

This heating seal tester is designed for evaluating the sealing performance of flexible packaging materials. It accurately measures the hot tack strength, hot seal strength, and heat sealability of films, laminates, and coated papers.



Overview

Precision Heat-Sealing Analysis

The GBB-A Heating-seal tester is a specialized instrument designed to evaluate the critical heat-sealing properties of flexible packaging materials. It allows for the precise measurement of temperature ranges, sealing intensity, and pressure requirements for composite membranes, coated papers, and aluminum foils. This desktop unit provides reliable control over heat-sealing parameters, ensuring consistent quality testing for research and production environments.

Technical Specifications

Power Supply	AC220V 50HZ
Compressed Air Requirement	8 kg/cm ²
Heat Sealing Plane	300mm x 10mm (slick)

Performance Metrics

Temperature Range

300 °C

Max Temperature

1 °C

Precision

Heat Sealing Time Range	0.01s to 99.99h
Heat-sealing Pressure	0.8 MPa

Physical Attributes

Dimensions	700(L)mm x 400(W)mm x 540(H)mm
Weight	30 kg

System Components

Instrument Structure

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