

## CZY-8SA Lasting Adhesive Tester

**CZY-8SA Lasting Adhesive Tester** can be used to test the holding power of pressure-sensitive tapes, pressure-sensitive labels and protective films, etc.

### Product Features <sup>Note1</sup>

#### Multiple Test Mode & Customization for Controlled Temperature Test

- Time method and displacement method
- Standard test plates and weights ensure the accuracy of test data
- Automatic timing, inductance type large area sensor and fast locking functions guarantee the accuracy of test data
- Automatic statistics of maximum value, minimum value, average value and logarithmic reduction value
- Testing environment temperature and humidity curves are displayed and recorded automatically in real time for data comparison under the same conditions
- Unit conversions between °C and °F
- Customization is available for precise temperature controlled function for monitoring of test temperature and humidity
- Labthink's unique automatic cooling technique can help minimize the environmental impact on the test temperature so that the standard test temperature, 23°C and 38°C can be controlled precisely



#### New Patented Intelligent Touch Operating System

- Industrial grade touch screen, one-button operation, user-friendly interface, remote upgrade and maintenance
- Chinese and English languages can be selected
- Automatic data storage and power failure memory functions to prevent data loss
- Storage up to 1200 test records
- Multi-level user privilege management, log in with password
- Micro-printer and USB data ports for data exporting and data transfer (optional)
- The instrument conforms to the requirements of GMP (optional)
- Labthink's unique DataShiled™ System for data management and connecting with information system (optional)

### Test Principle

The test plate with adhesive specimen is vertically hanged on the stand and its bottom is attached with a standard weight. The lasting adhesive property can be obtained by measuring the displacement of specimen on vertical test plate or the time to failure at such load.

### Test Standards <sup>Note1</sup>

GB/T 4851-2014, ASTM D3654, JIS Z0237

## Applications <sup>Note1</sup>

<b>Basic Applications</b>	Including various adhesives, e.g. pressure-sensitive tapes, medical patches, adhesive labels and protection films
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## Technical Specifications <sup>Note2</sup>

Specifications	CZY-8SA
Standard Roller	2000 g ± 50 g
Weight	1000 g ± 5g (with hook)
Test Plate A	125 mm (L) × 50 mm (W) × 1.3 mm (D)
Timing Range	0 ~ 9999 hrs 59 min 59 sec
Number of Stations	8
Instrument Dimension	900mm(L) × 315mm(W) × 544mm(H)
Power Supply	220VAC±10% 50Hz / 120VAC±10% 60Hz
Net Weight	25 kg

## Configuration

<b>Standard Configuration</b>	Instrument, Test Plate A (Vertical), Weight (1000g), Triangle Hook, Standard Roller
<b>Optional Parts</b>	Test Plate B (Horizontal), Weight (4500g), NIST SRM1810A Fiber Plate, Micro Printer, Professional Software, Temperature Control Module for Holding Power Test, Computer System required by GMP, DataShield™ <sup>Note3</sup>

**Note 1:** The described test standards, applications and product features should be in line with Technical Specifications.

**Note 2:** The parameters in the table are measured by professional operators in Labthink laboratory under strictly controlled laboratory conditions.

**Note 3:** DataShield™ provides safe and reliable data application support. Multiple Labthink instruments can share one single DataShield™ system which can be configured as required.

**Please Note:** Labthink is always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice. Please visit our website at [www.labthink.com](http://www.labthink.com) for the latest updates. Labthink reserves the rights of final interpretation and revision.