

## HST-LT1000 Ring Tack Tester



### Product Uses:

HST-LT1000 ring tack tester is suitable for testing the initial tack value of adhesives such as self-adhesive labels, tags, tapes, and protective films. Unlike the steel ball method for testing initial tack, the LT- 1000 can accurately measure the initial tack force. Equipped with a high-precision imported brand sensor, it ensures accurate and reliable data. The product meets the standards of FINAT , ASTM , and GBT 31125-2014 "Test Method for Initial Tack of Adhesive Tapes - Ring Method". These international standards are widely used in research institutions, adhesive product companies, quality inspection agencies, and other organizations.

### Features:

- 1.The data collection system is both accurate and easy to use, making it a relatively advanced measuring instrument .
- 2.Employing microcomputer control technology, it differs from the traditional inclined plane rolling ball method, offering high precision and ease of operation ;
- 3.It uses imported sensors, and its accuracy can reach +0.1% of the standard for weight sensors ;
- 4.Advanced servo motor and lead screw drive technology ensure smooth operation and more accurate

displacement measurement ;

5.High-definition LCD display makes operation clear at a glance ;

6.It can be connected to a mini printer: enabling direct and timely printing of experiment dates and results ;

7.It has a test force value retention function, which can store test data and make it more convenient to view experimental results ;

8.the speed to be set arbitrarily within the range of 1 to 500 .

#### **Technical Specifications :**

1. Load range: 0-100N (optional configurations: 10N, 30N, 50N, 100N)

2. Accuracy: Better than Class 1

3. Resolution: 0.01N

4. Test speed: 300 mm/min

5. Speed range: 1-500 mm/min

6. Test stroke: 600mm ( including fixture )

7. Power : 140W

8. Power supply: 220V 50Hz

9. External dimensions: 450mm (B) × 450mm (L) × 1250mm (H)

1. Net weight : 6.5 kg

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