

## VOC-01 Ring Initial Viscosity Tester

According to the national standard "GBT 31125-2014 Test method for initial adhesion of adhesive tape" ring method, the Ring Initial Viscosity Tester is developed and designed. It is widely used in the determination of the ring initial adhesion of adhesive products such as self-adhesive and pressure-sensitive adhesive tape.



### Professional technology

- The ring initial viscosity tester is compact and compact, allowing users to quickly and effectively determine the adhesion and adhesion.
- Microcomputer control, large LCD display test dynamic curve is different from the traditional bevel rolling ball method, with high precision.
- With the sensor imported from the United States, the accuracy can reach  $\pm 01\%$  of the weight sensor standard.
- High quality motor and lead screw drive technology are adopted to ensure smooth operation and more accurate displacement measurement.
- Equipped with micro printer: it can realize the date and result of experiment, and print directly and timely.
- The instrument has the function of keeping the test force value, which can store multiple test data and make it more convenient to view the test results.
- Stepless speed regulation can be set and adjusted in the range of 1-500.

### Rich application

<b>Basic application</b>	It is suitable for the initial adhesion test of all kinds of adhesive products, such as pressure-sensitive adhesive tape, medical adhesive, self-adhesive label, protective film, etc
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### Testing principle

According to the GB / t31125 / 2014 standard, after the annular sample and the standard float glass test plate are completely contacted at a constant speed of 300 mm / min, the instrument automatically reverses the annular sample and the test plate at a constant speed of 300 mm / min to completely separate, resulting in the maximum force, which is the annular initial adhesion of the tested sample.

The instrument conforms to many national and international standards: GB2637-1995, YBB00332002-2015, YBB00322005-2015, GB/T31125/2014.

## Technical index

Model Item	VOC-01 Ring Initial Viscosity Tester
Test range	500N (50N,100N,200N Optional)
Measuring accuracy	Indication error $\pm 2\%$
Resolution	0.01N
Loading speed	0.5—500mm/min
Power	40w
Power Supply	220V 50Hz
Outline size	330mm (B) * 410mm (L) * 680mm (H)
Net weight	27Kg

## Product configuration

<b>Standard configuration</b>	Main machine, micro printer, annular initial adhesion fixture.
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