

Summary:

Mace Snagging Tester is used to rapidly determine the tendency of fabrics to snag, (pull yarn loops from fabric) in normal wear. And suitable for woven and knitted fabrics made by textured yarn, non-textured yarn, and spun yarn, etc., not suitable for the mesh fabrics, tufted fabric, and non-woven fabrics, etc..

Stainless steel test cabinet with glass observation panel provides with automatic timing of flame spread in 0.1-second increments from ignition. Brushing Device is included.



Features:

1. The surface of the instrument adopts high temperature plastic spraying technology, which is durable.
2. color touch screen display control, easy and simple operation
3. Acrylic transparent test station is adopted with beautiful appearance. The upper and lower levels of the station can save the installation and use space of the instrument.
4. Station lighting facilitates direct observation of test samples.
5. Automatic stop after the test, and the speed can be set within the adjustment range.

6.

Standard:

ASTM D3939 Standard Test Method for Snagging Resistance of Fabrics (Mace Test Method)

JIS L 1058 Test methods for snag of woven fabrics and knitted fabrics

VDA 230-220 Textiles for the automotive interiors - Determining the thread puller tendency of textiles mace snag test

Test Procedure:

- 1.Place tubular fabrics specimen on cylindrical drum of test apparatus.
- 2.Set the counter for 600 revolutions (approximately a 10-mm test) and operate the mace snagging tester.
- 3.Remove the specimens from the drums.
- 4.Grade the test specimen and record.

Specifications:

Working Station	4
Rotate Speed	60 R.P.M. (± 2 rpm.) (As Per Standards)
Counter	0~99999
Diameter of Cylinder	$\Phi 82$ mm; width210mm
Mace Weight	160 $\pm$ 10g
Mace Number	11 maces
Mace Specifications	Length 10mm, diameter of tip $\Phi 0.13$ mm
Chain	$\Phi 10$ mm, Working width 125mm
Distance between Mace and Chain	45mm
Dimension of Machine	980×500×450mm
Power supply	220V 50Hz

