



YASUDA
— TESTING THE LIMITS —

No.473 Snag Tester, No.453 Pilling Tester | For ICI Type Tester to conduct on textile and fabric

Contents

No.453 ICI TYPE PILLING TESTER

No.473 ICI TYPE MACE SNAG TESTER

No.453 ICI TYPE PILLING TESTER



JIS-(L1018), L1058, L1076, (JASO)

- This tester is to conduct the piling test on textile and fabric according to the ICI type piling test method.
- The operator is to wrap the test specimen to a special rubber tube and put 4 of them into a rotating box that has cork board lined inside.
- Rotating the box at a prescript rotating speed, the operator is to compare the degree of piling among the test specimens and by using the piling judging picture.

Specification

Specifications are subject to change without notice.	
Box Hanging	3, 6, or 9 Hangings (3 kinds)
Specimen	100 × 120 mm
Specimen Box	Inner Dimensions 230 × 230 × 230 mm

Box Rotation Speed	60 ± 2 rpm
Rubber Tube	Outer Diameter ϕ 31 mm (Rubber T3 mm), L150 mm, Mass 51 g
Timer	Max. 99 hr 59 min
Power Source	AC 100 V, 1-Phase, 10 A, 50/60 Hz
Dimensions/ Weight (Approx.)	<p>3 Hangings: W1,410 × D550 × H820 mm, 60 kg</p> <p>6 Hangings: W1,410 × D550 × H1,200 mm, 90 kg</p> <p>9 Hangings: W1,410 × D550 × H1,600 mm, 120 kg</p>

No.473 ICI TYPE MACE SNAG TESTER



JIS-L1058, ASTM-D3939

- This tester is used to conduct the snag test on textile and fabric according to the ICI type mace test method.
- Applying the spike ball (mace with needles) to the test specimen which is attached to the rotating cylinder, the operator is to compare the degree of the snag among the test specimens and by using the snag judging picture after the test specimen has been rotated 100 times.

Specification

Specifications are subject to change without notice.	
Hangings	2 Hangings (Individual Motioning type)
Specimen	200 × 330 mm
Mace	φ 31.8 mm, Mass 160 g (Including Needles)

Needle	11 pcs, Top R0.127 mm, L9.5 mm
Rotating Drum	Outer Diameter ϕ 82 mm (Rubber T3 mm), W210 mm
Drum Rotation Speed	60 rpm
Felt	T3.2 mm, W165 mm
Guide Rod	Outer Diameter ϕ 10 mm, W122 mm
Counter	6 Digits Preset Counter
Drum-Guide Rod Distance	60 mm
Mace-Guide Rod Distance	46 mm
Accessories	Rubber Ring: 4 pcs, Setting Gauge: 1 pc, Specimen Setting Tool
Option	Safety Cover, Cabinet for Determination
Power Source	AC 100 V, 1-Phase, 5 A, 50/60 Hz

**Dimensions/
Weight (Approx.)**

Tester Body: W500 × D490 × H430 mm, 40 kg

Cabinet: W475 × D590 × H475 mm, 30 kg