MARTINDALE ABRASION & PILLING TESTER
MODEL: RF3169

Product Information
Martindale Abrasion and Pilling Tester is used to determine the abrasion and pilling resistance of all kinds of textile fabrics. Samples are rubbed against reference abradents under a specified pressure and continuously rotating for Lissajous figures.
RF3169 with 7” touch screen and user-friendly operation interface, makes operation easy and direct. Program includes batch test settings, total counter settings, individual station counters or multi-station links, 4 position parking function and 5 selectable test speeds settings. Two dimensions of Lissajous figures and straight line motion are included to meet the requirement of many testing standards. Sample holders and weights are all stainless steel, abrasion heads are also.

Test Scope
For the determination of the characteristic of abrasion and pilling of textile fabrics, artificial leather, synthetic leather or film materials.

Standards
ASTM D4966, ASTM D4970, BS 3424-24, ISO 12945-2, ISO 12947, JIS L1096, GB/T 4802.2, GB/T 13775, GB/T 21196-2, FZ/T 20020, M&S P17/P19/P19C, NEXT TM18/TM18a/TM18b, etc.
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Accessories Box  Specimen Holders  Specimens Holders for Socks

Specification

A. Working Positions: 9 positions (or 6 positions for option)
B. Abrasion Stoke Length: 24±0.5mm, 60.5±0.5mm, or straight-line motion
C. Load Weight: 9kPa, 12kPa adding weights.
D. The rotational frequency of the drive unit: outer driving unit, 47.5±2.5rpm, Inner driving unit, 44.5±2.4rpm.
E. Pressing Weight: 2.5±0.5kg
F. Pressing Weight Diameter: 120±10mm
G. Dimension: 750(L)×640(W)×360(H) mm
H. Weight: 112kg
I. Power: AC230V 50Hz / 60Hz

Order information
RF3169  Martindale Abrasion and Pilling Tester (9-head)
RF3169/1  12kPa Weight (1pcs)
RF3169/2  ISO Pilling Test Kit (1 position)
RF3169/3  38mm Diameter Sample Cutter
RF3169/5  140mm Diameter Sample Cutter
RF3169/6  Socks Test Kit (1 position)