



A Martindale Abrasion & Pilling Tester with 9 workstations. This instrument is used for testing the wearability and pilling properties of wool, wool blended, woven, knitted and non-woven fabrics. This unit has 2 lissa-jous trajectory and a reciprocating linear track (capable of round tracking movement). Repeatability of a single procedure or three velocities can be set as the YG601G has six operational preset procedures. With it's LCD display and touch screen operation the equipment is easy to use.

Applications:

- Textiles

Features:

- Accessory case containing:
 - 3 x Ø14 Ball
 - 3 x Activities Cover
 - 3 x Driveshaft
 - 9 x Ø140 Standard friction fabric SM25
 - 9 each x Ø140 and Ø90 (2-3) Wool felt
 - 9 each x Ø42 and Ø140 Fabric sample
 - 9 x Ø42*3 Polyurethane foam
 - 1 x Mounted hammer-like pressure
 - 1 x LI Sha-ru trajectory curve pen
 - 1 x Ø42 Sample templates
 - 1 x Ø142 Sample templates
 - 1 x Ø Mirror panel
 - 9 x 198g Cloth sample gripper Ø28.8
 - 9 x 155g Cloth sample gripper Ø90
 - 1 x Cloth sample clip stand
 - 9 x Cloth sample holder pin
 - 9 each x Fama 9Kpa,
 - 1 x Positioning cover (circular experimental track)



Benefits:

- Easy to use
- Fast results
- Accurate

Specifications:

- 9 Workstations
- Counter Display:
 - Preset counter display 0-999999
 - Cumulative counter display 0-999999
- Wear Test Pressure:
 - A: Cloth sample gripper 200g ± 1g
 - B: Cloth sample hammer 395g ± 2g
 - C: Furniture, decorations sample hammer 594g ± 2g
- Testing Pressure:
 - A: Cloth specimen clasper 155g ± 1g
 - B: Cloth specimen sample drag weight 260g ± 1g
- Loading drag weight 2385g ± 10g
- Abrading Table Diameter 120
- Grinding Diameter of effective friction:
 - A: Abrasion test 28.8mm dia
 - B: Pilling Test 90mm dia
- Speed: 23.8 ± 5rpm, 47.5 ± 2.5rpm, 71.3 ± 2.5rpm
- Automatic stop after period of inactivity

Standards:

- ASTM D4966/4970
- BS3424/5690
- BS EN 388/530
- DIN53863/53865
- GB/T21196
- GB/T4802.2
- ISO12945.2
- ISO12947.2
- ISO5470
- IWSTM112/196
- JIS L1096

Connections:

- **Electrical:** 220/240 VAC @ 50 HZ

Dimensions:

- **H:** 365 mm
- **W:** 820 mm
- **D:** 605 mm
- **Weight:** 168kg

