



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

