

# IDM<sup>®</sup>

## instruments

Martindale Abrasion & Pilling Tester with 6 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 unit has six operational pre-set procedures. With it's LCD display and touch screen operation the equipment is easy to use.



### Features:

- Two trajectories and a reciprocating linear track.
- Capable of round tracking movement.
- Touch screen operation
- LCD Display
- Six operational pre-set procedures (ie. Repeat single procedure or three velocities can be set)
- Automatic stop

### Specifications:

- 6 Stations
- Counter Display:
  - Preset counter display 0-99999
  - Cumulative counter display 0-99999
- Wear Resistant Pressure Test:
  - A: Cloth specimen holder 200g ± 1g
  - B: Sample material hammer weights 395g ± 2g
  - C: Furniture accessories sample weights 594g ± 2g
- Clothes Pilling Test:
  - A: Cloth-like holder
  - B: Sample material hammer weights 260g ± 1g
- Loading Hammer Quality 2385g ± 10g
- Grinding Diameter 120
- Operating Speed 47 ± 3r/min

### Applications:

- Textiles
- Nonwovens

### Standards:

- ASTM D4966/4970
- BS3424/5690
- BS EN 388/530
- DIN53863/53865
- GB/T21196
- GB/T4802.2
- ISO12945.2
- ISO12947.1
- ISO5470
- IWSTM112/196
- JIS L1096

### Dimensions:

- **H:** 350 mm
- **W:** 720 mm
- **D:** 350 mm
- **Weight:** 145kg

### Connections:

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

### Other models available:

- Model M0012 – 8 workstations
- Model M0013 – 9 workstations