

Hung Ta™ Martindale Type Fabric Abrasion Tester Model HT2131: Description



CCSi features this high quality Martindale Type Fabric Abrasion Tester for evaluating the abrasion resistance of a wide variety of textile fabrics including, woven, non-woven, knit apparel, household, and industrial fabrics.

The Model HT2131 is manufactured according to the specifications and requirements set forth in [ASTM D4966 Standard Test Method for Abrasion Resistance of Textile Fabrics \(Martindale Abrasion Tester Method\)](#), and conforms to [ISO 12947-1 Textiles – Determination of the Abrasion Resistance of Fabrics by the Martindale method – Part 1: Martindale Abrasion Testing Apparatus](#).

The determination of abrasion resistance is measured by subjecting the specimen to a geometric motion against a standardized abrasive media (fabric) applied by a specific force. The results are evaluated by either of these methods:

- on a woven fabric when two or more yarns have broken;
- on a knitted fabric when a hole appears;
- a change in shade or appearance that is evaluated against the AATCC gray scale;
- the loss of mass, as a percentage or in milligrams.

Hung Ta™ Martindale Type Fabric Abrasion Tester Model HT2131: Specifications

Specimen Size:	38 mm (1.5 inch) Ø
Specimen Capacity:	4 station
Specimen Loading:	9 ± 0.2 kPa (1.31 ± 0.03 psi) – or – 12 ± 0.3 kPa (1.74 ± 0.04 psi)
Counter:	6 Digit LCD
Power Required:	110 VAC / 50 Hz or 220 VAC /60 Hz
Motor:	½ HP
Stroke:	Geometric, straight line to ellipse
Dimensions (L x W x H):	570 x 570 x 320 mm (27.4 x 27.4 x 12.6 inch)
Net Weight:	75 kg (165 lb.)
List Price:	Please Submit a Request for Quotation (RFQ)

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