

**SPECIFICATIONS:-**

Martindale abrasion testing machine designed to determine the abrasion resistance of all types of fabrics and leather used for footwear, upholstery, clothing, gloves and many other products. The Martindale is the internationally-accepted test standard for wear of fabrics and it is also used for determining the susceptibility of fabrics to pilling. This machine can also be used for testing the abrasion resistance of rubber gloves, plastic and rubber coated fabrics by substituting the standard abradant with a grit paper. The machine can be used for soiling test for light coloureds materials. A specially inked fabric replaces the standard abradant for this test. An initial amount of the standard abrasive fabric is supplied with the machine.

Standards: SATM, ISO, DIN, SATRA. Working station: 4, Control mode: Touch screen control, Abradant table: $\geq \phi 125\text{mm}$, Test Pressure: A) Specimen holder: (198 ± 2) g, B) Larger loading piece: (597 ± 5) g, C) The sum mass: (795 ± 7) g, for workwear, upholstery, bed linen and fabrics for technical use (nominal pressure of 12kpa). Test Pressure: A) Specimen holder: (198 ± 2) g, B) Smaller loading piece: (397 ± 5) g, C) The sum mass: (595 ± 7) g, for apparel and household textiles, excluding upholstery and bed linen (nominal pressure of 9kpa). Exposed area of specimen holder: $645 \pm 5 \text{ mm}^2$, Rotational Speed: $47.5 \pm 2.5 \text{ r/min}$, Pressing Weight: Mass: $(2.5 \pm 0.5) \text{ kg}$ Dimension (L x W x H) cm: $(90 \times 60 \times 40) \text{ cm}$, Weight: 125 to 150 kg.

Accessories: 1 set Abrasion Weight and Holder, 2pcs for each head Standard Abradants Fabric $\phi 165\text{mm}$, Box of 60pcs Standard Backing Foam $\phi 44\text{mm}$, 2pcs for each head Standard Woven Felt Discs $\phi 165\text{mm}$, 1piec Pressing Weight, 1piec Cutting die $\phi 165\text{mm}$ (Making standard abradent fabric and woven felt.), 1piec Cutting die $\phi 44\text{mm}$ (Making samples and standard backing foam.), 1piec Power line. Gray Scale for color change, P400 Abrasion Paper, Standard Abrasion Fabric $\phi 165\text{mm}$, Standard Backing Foam $\phi 44\text{mm}$.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com