

Martindale Abrasion & Pilling Tester TF210



Descriptions:

Martindale Abrasion & Pilling Tester determines the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasives at low pressures and in continuously changing directions. The amount of abrasion or pilling is compared against standard parameters.

Application:

Martindale Abrasion & Pilling Tester determines the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasives at low pressures and in continuously changing directions. The amount of abrasion or pilling is compared against standard parameters. The unique design of our Martindale abrasion pilling test machine allows the removal of individual sample holders for examination without lifting the top motion plate. It provides individual counters and parking functions, interval time settable and a large touch-screen display. Standard sample holders and 9 and 12kpa Weights are included.

The Martindale abrasion testing equipment is available with 4, 6, or 9 test positions.

Specifications:

The Drive system is PLC, programmable control with a large touch-screen

Abrasion test:

- Max stroke of movement $60.5 \pm 0.5\text{mm}$.
- Weight of holder and spindle $198 \pm 2\text{g}$

Pilling test:

- Max stroke of movement $24 \pm 0.5\text{mm}$
- Weight of holder and spindle $155 \pm 1\text{g}$



Included Accessories (1 for each station):

Abrasion test (To ISO 12947-1):

- Mounting weight (2.5+/-0.5kg, for both abrasion and pilling test)
- Pilling instruments holders (Dia. 38 mm)
- Loading Weights (395+/-7g)
- Loading Weights (595+/-7g)

Pilling Test (To ISO 12945-2):

- Linear adaptor. To convert to straight-line motion.
- Sample Retaining Rings for pilling test
- Pilling test holders (Dia. 90mm)
- Loading Weights (260+/-1g)

Models:

Type	Positions	Dimension (L x W x H)	Weight (Kg)
TF210A	4	650 x 510 x 280 mm	65
Tf210B	6	650 x 510 x 280 mm	75
TF210D	9	830 x 590 x 280 mm	90

Standards:

ISO 12945-2-2020	ISO12947-1-1998	ISO12947-2-1998	ISO12947-3-1998
ISO12947-4-1998	GB/T 21196.1-2007	GB/T 21196.2-2007	GB/T 21196.3-2007
GB/T 21196.4-2007	GB/T 4802.2-2008	BS EN 530-2010	ASTM D4970/4970M-2016e3
ASTM D 4966-12			
Optional Standard:	BS EN 388-2016+A1-2018	SATRATM31 A/B	PUMA
BS EN 16094-2012	ISO20344-2011		

