

G235 M9 Martindale Abrasion Tester

► Product Introduction

This instrument is designed by absorbing the advantages of similar instruments at home and abroad.

It has a beautiful appearance and is easy to operate. The microcomputer system adopts two counting methods, which is intuitive and generous, and is easy to set. Nine stations can be tested at the same time to improve test efficiency. The instrument is also equipped with two Lissajous 24mm × 24mm and 60.5mm × 60.5mm motion trajectories and a variety of optional accessories, which can adapt to a variety of test method standards. Its principle is: the circular fabric sample is in a certain Under the pressure, the standard abrasive rubs against each other according to the motion trajectory of the Lissajous curve, causing the sample to be damaged. The wear resistance of the fabric is expressed by the number of times the sample is damaged.

► Complied Standards

Tests on the pilling degree of fabrics such as GB/T4802.2, ASTM D4970, ISO12945-2, etc. It also complies with: GB/T13775, ASTM D4966, ISO12947, EN388 and other fabric wear resistance tests.



G235 M9 Martindale Abrasion Tester

► **Technical parameters:**

Number of workstations: 9

Count display

a. Estimated count: 0 ~ 999999 times

b. Cumulative count: 0 ~ 999999 times

Maximum stroke: $24\pm0.5\text{mm}$, $60.5\pm0.5\text{mm}$

Amount of pressurized material:

a. Clamp: 200g

b. Clothing sample weight: 395g

c. Furniture decoration sample weight: 594g

Effective friction diameter of grinding block: $\varphi28.8$

Relative movement speed between holder and grinding table: $50\pm2\text{r/min}$

Sample loading hammer mass: $2385\pm10\text{g}$

Supplies: 9 sheets of wool felt, 9 sheets of test wool cloth

Size: 80*60*45cm

Weight: about 120kg

Power supply: AC 220V/50Hz