

HST-MS150 DIN Roller Abrasion Machine



Picture Just for reference

Application :

This DIN Abrasion Resistance Tester is to test the friction of surface by a particular piece of sandpaper, After friction for a certain time, and then assess the condition of material surface, weight, volume and thickness, from this standard to assess the abrasive nature of materials.

This machine is suitable for wear testing of elastic materials, rubber, tires, conveyor belts, conveyor belts, shoe soles, soft synthetic leather, leather and other materials. It has the characteristics of high efficiency, good reproducibility and easy operation.

Standard:

GB/T 9867、GB/T 20991、GB/T 26703、QB/T 1002、EN ISO 20344、ISO 4649、DIN 53516

Technical Specification:

Roller diameter	φ150mm
Roller length	460 mm
Roller speed	40rpm
Wear stroke	40mm(20 mm)
Wear rate	0.32 m/sec

Inclination	3°
Test piece diameter	φ16 mm
Thickness	6~15 mm
Test load	2.5N,5N,10N
Fixture lateral displacement	4.2 mm/roller per revolution
Volume	95*66*31cm
Weight	About50kg
Power supply	220V 50HZ

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