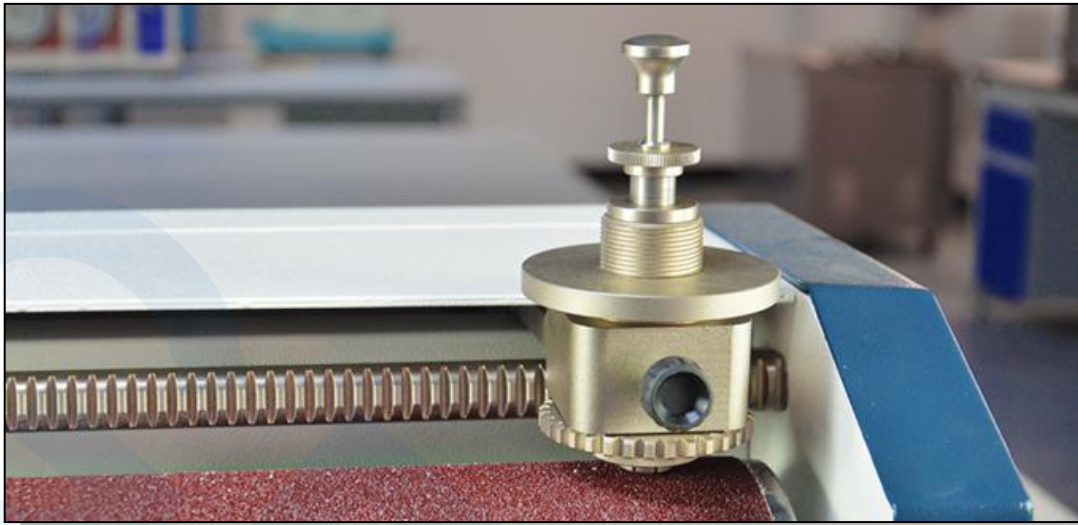


Product Presentation

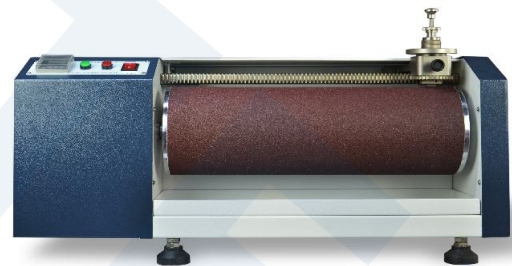


Application

It is used to determine wear performance test of materials like elastic material, rubber, tires, conveyor belts, conveyor belts, shoe soles.

Feature

Body paint baking processed, easy for maintenance.
Equip with digital counter, automatically stop after test finished.



Principle

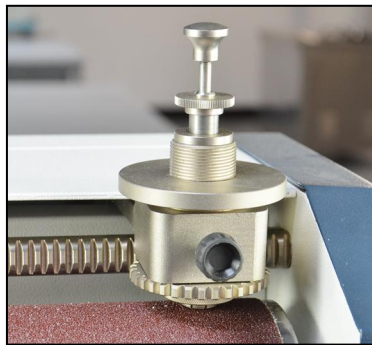
Under certain touching pressure and contact area, sample becomes a certain angle with sandpaper and determine its abrasion performance caused by a certain level of sandpaper. Pack sandpaper outside the surface of roller. The sample is pressed against the roller with sandpaper, which makes sample lateral moving along roller. Abrasion is caused under the other side of cylindrical specimens measuring the mass loss of sample value and count the wear amount by sample density.

Control Panel



To set test parameter.

Abrasion Head



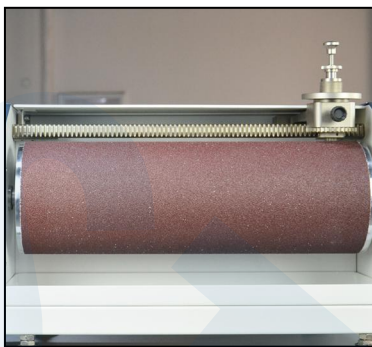
It is used to rub samples with a certain load.

Put Sample



Put the prepared test sample.

Roller



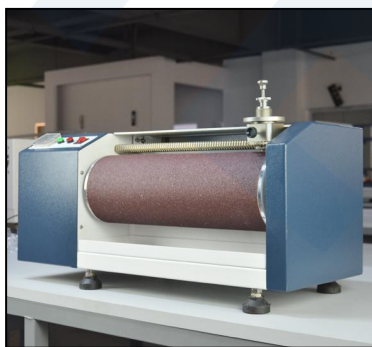
Pack sandpaper outside the surface of roller. The sample is pressed against the roller with sandpaper, which makes sample lateral moving along roller.

Left-Side View



Left-side view of whole machine

Right-Side View



Right-side view of whole machine

Key Specification

Model	GT-KB03
Diameter of wear wheel	150mm
Specimen dimension	ø16.2 mm x thickness 6-10 mm
Specimen moving speed	4.2 mm/r
Weights	Holder 2.5N, can be used arbitrarily with optional accessory 2.5N, 5N (each for one)
Wear wheel speed	40±1rpm
Inclination angle	3°, Test piece support shaft of test piece becomes vertical angle with roller.
Grit size of sandpaper	#60
Roller length	460mm
Wear stroke	40m
Power supply	1 φ AC 220V 50/60HZ 3A
Dimensions (L x W x H)	700 x 300 x 300 mm
Weight	55kg

Standards

DIN-53516, JIS-K6369, JIS K6264-2, GB/T 20991 section 8.3, GB/T 20265, GB20266-2006, GB/T 9867, EN ISO 20344 section 8.3, AS/NZS 2210.2 section 8.3, ISO 4649, SATRA TM174, BS903-A9 Method A, ASTM D5963, ISO20871, QB/T2884, SATRA TM 193

Accessories

Standard accessories	1pcs	2.5N weights
	1pcs	5N weights
	1pcs	P60# standard abrasive paper
	1pcs	Standard cutting die
	1pcs	Metal blob(Grinding head)
	1pcs	Power line
Option accessories	Optional	GT-G203H Electronic balance (210g, accuracy 1mg)
	Optional	Standard rubber