



Rotary Drum DIN Abrasion Tester GT-KB03



Application:

DIN Abrasion tester GT-KB03 is used to determine wear performance test of materials like elastic material, rubber, tires, conveyor belts, conveyor belts, shoe soles.

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, BS903-A9 Method A, ASTM D5963, ISO20871, QB/T2884, EN 12770

Dimensions

External Dimension:
≈700*300*300 mm(L*W*H)
Package Dimension:
≈870*420*530 mm(L*W*H)
Gross Weight:
≈61KG
Net Weight:
≈50KG



Feature

- 1. Din Abrasion Tester Body paint baking processed, easy for maintenance.
- 2. Equip with digital counter, automatically stop after test finished.
- 3. 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.

Key Specifications

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	1φAC 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, EN 12770	
Standard accessories	1pc	2.5N weights
	1pc	5N weights
	1pc	P60# standard abrasive paper
	1pc	Standard cutting die
	1pc	Metal blob(Grinding head)
	1pc	Power line
Option accessories	Optional	GT-G203H Electronic balance (210g,accuracy 1mg)
	Optional	Standard rubber