



Touch screen controlled DIN Abrasion Tester GT-KB03B



Application:

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

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.

Feature

- DIN Abrasion Tester body paint baking processed, easy for maintenance;
- Color touch-screen control, digital counting, automatically stop after test finished;
- Din Abrasion Resistance Tester equipped with vacuum suction port device, automatically clean dust during test.

Key Specifications

Model	GT-KB03B-1	GT-KB03B-3
Test positions	1	3
Control Mode	Touch screen controlled	
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	
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