

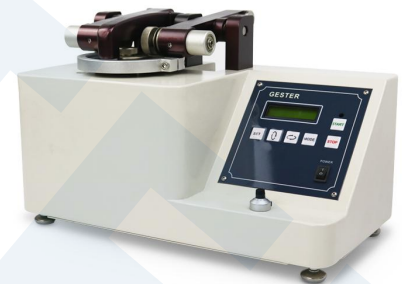
Product Presentation



Application

To determine the wear resistance of materials and assess its wear resistance degree, like measuring its mass loss, thickness loss, and transmittance etc.

It's applicable for flat products, like suitcases, carpet, cardboard, clothing, glass, plastic coatings, metal coating, paint, varnishes, decorative sheets, high pressure sheets, plastics, textiles, flexible floor mats, traffic paint, tile, anodizing layer, blankets, electronic components, decorative plates, wax, label, leather, dental materials, automobile interior decoration, resin, furniture, etc.



Feature

- Unique wear process. Place test sample on turntable and two abrasive wheel press on material to make material to wear.
- Specimen turntable speed control options of both 60 rpm and 72 rpm.
- Precision steel weights of 250 grams and 750 grams are furnished to provide standard wheel loads of 500 and 1000 grams. Weights are marked to show total load on each wheel. This marking includes the weight of the abrading arm (250 grams).
- Equip with vacuum cleaner to clear abrasive dusts
- Can test with different wear medium and accessories.

Balancing Shaft



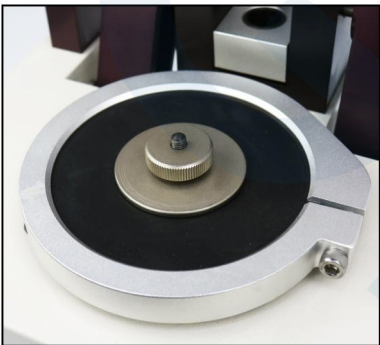
Gripping sandwheel and weights

Dust Suction Inlet



To clear wear particles caused by testing

Test Bench



To test sample

Control Panel



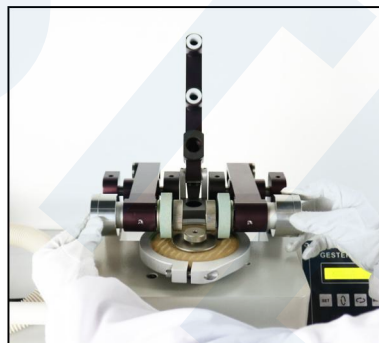
To set test parameter

Vacuum Cleaner Interface



Connecting interface with vacuum cleaner

Clamping Weights



Clamp the weights to illustrate

Side View



Side view of whole machine

Front View



Front view of whole machine

Control System

Control mode	LCD display
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Key Specification

Model	GT-C14A-1	GT-C14A-2
Test position	1	2
3 kinds of load	250g, 500g, 1000g	
Wheel internal faces apart	52.4±1.0 mm	
Turntable speed	60±2 rpm or 72 ±2rpm	
Counter	LCD display 0-999999	
Standards	ASTM D3884, ASTM D1175, ASTM D1044, ASTM D4060, TAPPI T476, ISO 9352, ISO 5470-1, JIS K7204, JIS A1453, JIS K6902, JIS L1096, JIS K6964, DIN 52347, DIN 53109, DIN 53754, DIN 53799	
Power supply	AC220V 50/60Hz	
Dimensions (L x W x H)	44cm×37cm×27cm	60×37cm×27cm
Weight	20kg	30kg

Standard Accessories

250g weights	1set
750g weights	1set
Paster	pack of 5
Calibrase wheels	CS-10 or H18 (Option)
Power line	1pcs

Optional Accessories

Abrasive paper	150#
Vacuum Cleaner	(pack of 1)
Refacing discs	S-11
Calibrase	wheels: CS-32,CS-10F,CS-17,CS-5,CS-35,H-22,H-10,H-38

Taber Wear Wheel Selections

Sand wheel / Type	Material/Grind characteristic	Kind	Composition
CS-10/Soft	Rubber & Abrasive grain/ Gentle	Elasticity	Rubber,Abrasives
CS-10F/Soft	Rubber & Abrasive grain/ Very gentle	Elasticity	Rubber,Abrasives
CS-17/Soft	Rubber & Abrasive grain/Coarse	Elasticity	Rubber,Abrasives
H-10/Hard	Glass material/Fine roughness	Inelastic	Ceramics
H-18/Hard	Glass material/Moderate fine roughness	Inelastic	Ceramics
H-22/Hard	Glass material/Very fine roughness	Inelastic	Ceramics
H-38/Hard	Glass material/Very meticulous	Inelastic	Ceramics
CS-0, S-32/Soft	Smooth rubber/ Very gentle	Elasticity	No abrasive rubber
S-42, S-33/ Soft	Sandpaper stripe /Moderate	Elasticity	Sandpaper stripe
CS-5/Soft	Wool felt/ No wear	Elasticity	Blanket
S-35/ Hard	Tungsten carbide/Cutting	Inelastic	Tungsten carbide
S-39/--	Leather / Gritfeeder		Leather

Coating	Brick	Plywood	Plastic	Cloth
CS10,CS17	CS17,H18	CS32,CS33	H18,H22,CS17	H18,H22,CS17