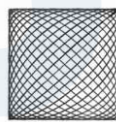
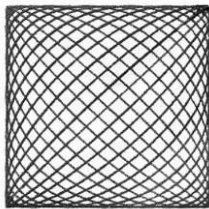


Product Presentation



Application

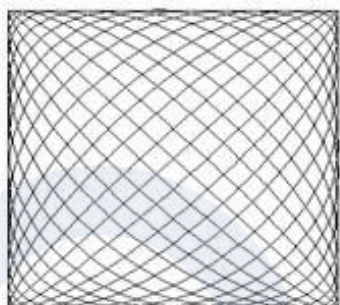
To determine the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasents at low pressures and in continuously changing directions and the amount of abrasion or pilling is compared against standard parameters.



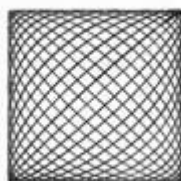


Feature

- Standard: Lissajous figure



abrasion curve



pilling curve

- Testing model: Lissajous figure: 24×24mm, 24×60mm, 60×60mm
Linear: 60mm, 24mm
- New design, attractive appearance, durable in use
- Counting Method: 1) count up 2) count down
- The unique design allows removal of individual sample holders for examination without lifting the top motion plate
- Standard sample holders and 9 and 12kpa weights are included
- PLC, 7 inches color touch screen, Chinese and English operation interface
- Weight and key component are made up by 316 stainless steel which is well-formed and durable in use.
- To prevent distortion, the top motion plate was special made up by aluminum alloy.
- Control of brushless DC motor, operate smooth and steady without noise
- Import bearing, reduce the friction during operating.

Standards

Abrasion: GB/T 21196.2, GB/T 13775, ISO 12947, ASTM D4966, IWS TM 112, M & S P19, Next 18, SN 198529, TWC 112, JIS L1096
Pilling: GB/T 4802.2, ISO12945-2, ASTM D4970, IWS TM 196, M & S P17, Next TM26, SN 198525



Key Specification

Model		GT-C13C
Working Positions		9
Control Mode		PLC Control and Touch Screen Display
Counter Range		0~999999 times
Test Pressure	Abrasion Test	A) Specimen holder: (198 ±2)g B) Larger loading piece: (597±5)g C) The sum mass:(795± 7)g , for workwear , upholstery, bed linen and fabrics for technical use (nominal pressure of 12kpa)
		A) Specimen holder: (198 ±2)g B) Smaller loading piece:(397±5)g C) The sum mass: (595± 7)g, for apparel and household textiles, excluding upholstery and bed linen (nominal pressure of 9kpa)
	Pilling Test	A) Stainless steel loading piece: (155 ± 1)g B) Specimen holder: (260 ± 1)g C) The sum mass: (415± 2)g
Holder Effective Diameter		A) Abrasion Holder: $\Phi(28.65 \pm 0.05)$ mm
		B) Pilling Holder: $\Phi(90 \pm 0.10)$ mm
Rotational Speed		50± 2r/min
Pressing Weight		Mass: (2.5 ± 0.5) kg
		Diameter: $\Phi(120 \pm 10)$ mm
Power Supply		AC220V 50/60Hz 500W
Dimensions(L×W×H)		850×650×350mm
Weight		150kg



Accessories

Abrasion Weight and Holder	1set	
Pilling Weight and Holder	1set	
Standard Abradents Fabric	2pcs for each head	
Standard Backing Foam 38mm box	60pcs	
Standard Woven Felt Discs 140mm	2pcs for each head	
Standard Woven Felt Discs 90mm	2pcs for each head	
Sample Cutting Template (Φ38mm , Φ90mm, Φ140mm)	1pc each size	
Pressing Weight	1pc	
Auxiliary Device for Specimen Mounting	1pc	
Steel Ball	3pcs	
Power Line	1pc	
EMPA Photographic Standards for Pilling Test (3 x 4 knitted)		Optional
EMPA Photographic Standards for Pilling Test (3 x 4 woven)		Optional
SM 50 Photographs for Pilling Test IWS + ASTM 4 Sets 1-5 (Plain, Twill A, Twill B, Blanket)		Optional
Standard Abradents Fabric		Optional
Standard Backing Foam Φ38mm		Optional
Standard Woven Felt Discs Φ140mm		Optional
Standard Woven Felt Discs Φ90mm		Optional
Sample Cutter Φ38mm		Optional
Sample Cutter Φ90mm,		Optional
Sample Cutter Φ140mm		Optional