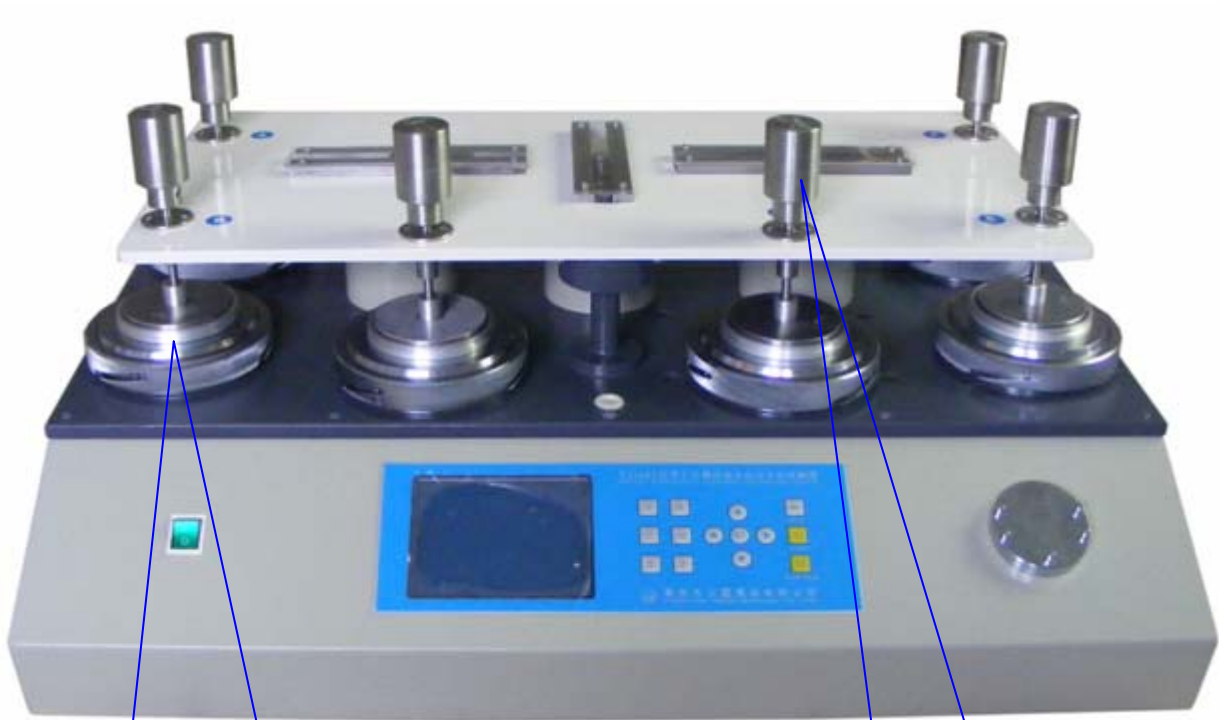




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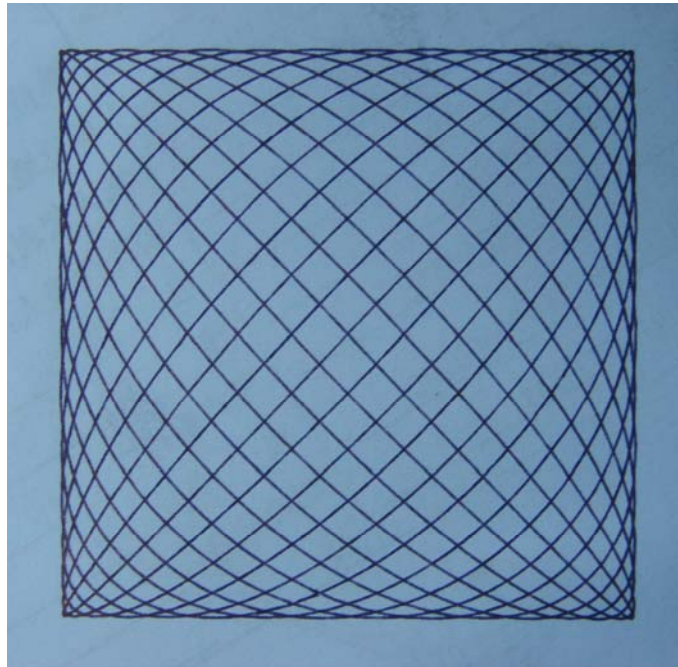
YG401D DIGITAL MARTINDALE ABRASION AND PILLING TESTER



Abrader Head



Stainless Steel Load Piece



Lissa-jous figure

MODEL NO.

YG401D

Application:

Digital Martindale Abrasion and Pilling Machine. This instrument was developed primarily to assess abrasion resistance of woven worsted wool fabrics. It was designed to give a controlled amount of multi-directional abrasion, between the fabric surface and a crossbred wool abrading fabric, at comparatively low pressure until thread breakdown, or unacceptable change in color or appearance occurs. It is not applicable to fabrics having a long pile or surface coating.

Related Standards:

STANDARDS	ASTM D4966, 4970	ISO 12945.2, 12947.1	ISO 5470.2
	DIN 53863	JIS L 1096	IWS TM 196,112
	GB/T 4802.2, 19089	GB/T 13775	FZ/T 20020
	BS3424/5690	EN 388	

Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.



Features:

- Adopts microcomputer control system and large LCD(made in Chinese Taipei) display the parameters, such as number of turns, presetting rubbing times, accumulated rubbing times and working position of each head;
- With memory function when power interrupted, and can save the data when power interrupted;
- Sports guide plate is made by aluminum alloy, and has after sandblasting oxidation process, beautiful and durable;
- Rail material is made in stainless steel, easy to unload and without mechanical failure;
- Two motion mode: rolling along Lissa-jous figure, diameter is 24mm and 60mm, respectively.
- Multi-working position, satisfies many specimens to be tested at the same time;
- Accumulative time for each working position, LCD display, accurate to control and ease to use;
- Stainless steel load piece, artistry and durable;
- Pre-setting stop switch;
- Bench top operation.

Key Specification:

- Number of Working Position 6
- Display:
 - a. Presetting Number 0~99999 times
 - b. Accumulative Number 0~99999 times
- Pressure Weight(abrasion)
 - a. specimen holder: 200±1g
 - b. load piece for apparel & household textiles 395±2g
 - c. load piece for workwear & upholster 594±2g
- Pressure Weight (balling)
 - a. specimen holder: 115±1g
 - b. load piece 260±1g
- Effective diameter of Abrader Φ28.8mm, Φ90mm



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- Abrading Device Speed 50±2r/min
- Pressing weight 2.5 ± 0.5kg
- Power Supply Ac380V 50Hz 180W
- Instrument Dimension 900×600×450mm (L×W×H)
- Instrument Weight 170kg

Standard configuration:

No.	Item	Quantity
1	Main machine	1 set
2	Abrader head (Φ28.8mm, 6.5 cm ²) (200g)	6 pcs
3	Load piece for abrasion (395g, 594g)	6 pcs each
4	Pressing weight(2.5±0.5kg)	1pcs
5	Balling head (Φ90.3mm , 65 cm ²) (155g)	6pcs
6	Load piece for balling (260g)	6pcs
7	Sampling auxiliary equipment	1 pcs
8	Polyurethane foam film (φ38)	6 pcs
9	Standard wool felt (φ140, φ90)	6 pcs each

Optional Accessories:

No.	Item
1	Gray scale for AATCC (Color change)
2	Sample cutter (Dia.140mm)
3	Sample cutter (Dia.38mm)
4	SM50 Photographic standards(SDC)
5	EMPA Photographic standards(SDC) (including 3*4 knitted and 3*4 woven)
6	Standard abradent fabric SM25(USA) 1.6*5m
7	Standard backing felt(nowoven)(USA) Dia:140mm, pack of 20