



东莞中力仪器科技有限公司  
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Add: No.62, Xinhe Management of Area, Wanjiang District, Dongguan, Guangdong, China

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# Introduction

**Name: ZL-5006B 4 Station Martindale Abrasion Tester (LCD display)**



- **Direct Manufacturer.**
- **Excellent Quality.**
  
- **Technical Innovation.**
  
- **Fast Shipping.**
  
- **Superior Service.**



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**Equipment description:**

The theory: at a given pressure ,circular fabric specimen and the same material, carrying out friction Lissajous trajectory graph, after achieved the required rotation, evaluate the pilling degree of the specimen. Also applies to GB/T13775, ASTM D4966, ISO12947 and other fabric wear test. The theory: circular fabric sample at a certain pressure, rubbing with the standard abrasive according to Lisa if (Lissajous) curve's trajectory, leading to specimen damaged, use the times of specimen damaged to represent fabric abrasion wear resistance.

**Main feature:**

The instrument learn the advantages of domestic and foreign similar equipment's design, it with elegant appearance, and touch display screen, the interface easy to understand, easy to operate, computer system uses two counting methods, visual appearance, convenient setting, 8 station testing at the same time to improve test efficiency. Instrument also has two kinds of Li Sha Ru (Lissajous), saying 24mm × 24mm and 60.5mm × 60.5mm, and a variety of trajectory matching accessories, can adapt to a variety of test methods standard.

**Standard:**

The pilling degree test of fabric of GB/T4802.2, ASTM D4970, ISO12945-2 etc.

The wear test of fabric of GB/T13775, ASTM D4966, ISO12947 etc.

**Technical parameter:**

Station number	4 station , 6 station , 8 station , 9 station
Count display	a. Estimated counting:0~999999 times
	b. Total counting:0~999999 times
Maximum dynamic range	24±0.5mm ,60.5±0.5mm
Weight of pressure thing	a. Gripper:200±1g
	b. Cloth samples hammer:395±2g
	c. Furniture accessories sample hammer:594±2g
	d. Stainless steel butterfly piece:260±1g
Effective friction diameter of grinding block	A type: 200g (1.96N) friction head $\phi$ 28.8-0.084mm
	B type: 155g (1.52N) friction head $\phi$ 90-0.10mm
The relative velocity of Gripper and the grinding station	50-2r/min



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Weight of pressure hammer	2385±10g
Dimensions	885mm×600mm×410mm(L×W×H)
Weight	150kg
Power	Ac220V,50Hz

### Machine Details:

PLC touch screen controller with 6 station:



4 Station with PLC touch screen

