

Summary:

The Circular Locus Pilling Tester is used for determining the pilling and fuzzing of all kinds of fabrics to evaluate the product quality and process, such as wool, chemical fiber, mixed, knitted and woven fabrics.

Using an active friction system, fabric is rubbed against a nylon brush and abrasive or an abrasive only under controlled conditions. Results of the test are achieved in minutes. The relative motion of the locus specimen grip and the abrasive platform is a circle with a relative speed of 60 ± 1 r/min. The grip offers pressure to the specimen which is adjustable with a tolerance of $\pm 1\%$. For added control and safety, the machine is equipped with a self-stop switch.

**Standards**

GB/T 4802.1-2008

Features:

1. The instrument adopts LCD in English-Chinese, the interface is simple and easy to understand, easy to operate and equipped with metal keys;
2. Linear guide slide, dc motor drive and PI control algorithm speed adjustment, making the instrument run smoothly and with low noise.
3. The instrument is operated in a non-polar speed control, and the customer sets the free speed according to the experiment.
4. The user can set the required working mode according to the requirements, and the instrument has many options: Counting method: number count, time count; Counting mode: counting and subtracting;
5. At the same time, it can set up the starting hair and the counting value of the ball. In the test interface, it is possible to switch by stopping the key and not need to set the numerical value repeatedly.

Specifications:

MODEL:	NG-530
Test motion:	Circular Locus of Dia. 40mm
Test speed:	60 ± 1 r/min
Height of Brush:	2 – 12mm, adjustable
Pressure on specimen:	490cN, 590cN, 780cN,
Dimension of specimen:	Dia 112.8 (100cm ²)
Counter:	1 – 9,999 times, stop automatically
standard:	GB/T 4802.1-2008
Power:	220 V 50/60 Hz
Weight:	45kg