

Electronic Circular Locus Pilling Tester

This circular locus pilling tester determines the pilling and fuzzing characteristics of fabrics. It evaluates product quality by rubbing fabric against a nylon brush and abrasive under controlled conditions.



Product Overview

Electronic Circular Locus Pilling Tester

This electronic instrument is designed to evaluate the pilling and fuzzing propensity of various textile fabrics, including wool, chemical fiber, mixed, knitted, and woven materials. By simulating wear through a circular locus motion against a nylon brush and abrasive, it provides precise and repeatable quality control data. The device features electronic controls for accurate parameter settings and consistent testing procedures, making it an essential tool for textile manufacturing research and quality assurance.

Technical Specifications

Reciprocating Speed

60 r/min

Speed

Contact Gap	0.2 mm
Parallelism of Grinding Head	0.3 mm
Moving Locus	40mm circle track
Nylon Brush Altitude Difference	0.5 mm

Weights and Settings

Weight of Grinding Head	490 cN
Weight of Larger Loading Piece	290 cN
Weight of Little Loading Piece	100 cN
Test Cycle Range	1-9999

Compliance and Standards

Certifications

CE • SGS

Applicable Standards	GB/T 4802.1, JIG 040-1990
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