

Linear Abrasion Tester for Material Durability

This linear abrasion tester is suitable for evaluating the wear of materials such as plastics, rubber, and coatings. It is designed for abrasive testing with profile surfaces and polished surface features.



Overview

Precision Durability Testing

The Linear Abrasion Tester is a versatile, high-precision instrument engineered for evaluating the wear resistance, scratch resistance, and color transfer of various materials. Designed for rigorous quality control and research environments, it supports both dry and wet wear testing protocols. Its robust construction and adjustable parameters ensure reliable performance across textiles, plastics, and coatings industries.

Compliance & Standards

Certifications

CE Certified

Supported Standards

ASTM D387, ASTM D1075, ASTM D4060, TAPPI T476, ISO 9352, ISO 5470-1, JIS K7204, JIS A1453, JIS K6902, JIS L1096, JIS K6964, DIN 52347, DIN 53109, DIN 53754, DIN 53799

Testing Capabilities

Available Test Modes

- Abrasion resistance
- Single scratch resistance
- Multiple scratch resistance
- Color transfer (abrasion)
- Dry wear test
- Wet wear test

Included Components

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Component	Quantity
Linear Wear Meter Host	1
250g Disc-shaped weights	3
CS-10 Grinding head rubber	10
H-18 Grinding head rubber	5
S-14 Sandpaper sheets	50
Wear depth gauge	1