

Fabric Down-Proof Property Tester

This tester evaluates the down-proof quality of fabric by counting the number of feathers that penetrate from the inside. It simulates fabric wear and tear to identify potential weaknesses.



Product Overview

Precision Down-Proof Testing

This instrument evaluates the performance of fabrics in preventing down and feather leakage by simulating the mechanical stresses of daily use. By utilizing a rotating tumbling box combined with hard rubber balls, it replicates the squeezing, rubbing, and colliding effects typical of down-filled products. This allows manufacturers to accurately identify structural weaknesses in shell fabrics and lining materials, ensuring higher quality and durability for end consumers.

Operational Details

Control Features

- Intelligent presetting of number of revolutions
- Automatic stop upon completion
- Forward and reverse rotation control
- Motorized drive assembly

Rotating Box Material

Organic glass with smooth internal walls

Compliance & Standards

Supported International Standards

GB/T 12705.2-2009, FTMS 191A Method 5530, AATCC 150, EN 12132.1

Certifications

Quality Certifications

CE Certified • ISO 9001:2000 • SGS Verified