

Fiber Impurity Analyzer

This analyzer determines the content of non-fibrous components in synthetic fibers. It also measures the amount of debris, impurities, and dust in cotton fiber samples up to 100 g.



Overview

Precision Fiber Analysis

This advanced fiber impurity analyzer is designed for the precise and efficient testing of fiber samples, including cotton, synthetic fibers, wool, and precious fibers like cashmere. Utilizing an airflow analysis principle, it effectively separates fiber and non-fiber components to detect impurities, debris, and dust content. This essential tool supports quality control processes by enabling accurate sample preparation and detailed impurity testing for textile production and research applications.

Technical Specifications

| | |
|------------------------|---------------------|
| Weight | 100 kg |
| Dimensions (L x W x H) | 750 x 1000 x 600 mm |
| Standards Met | ITMF |

Features

Key Features

- Static eliminator included
- Removable push frame
- Air flow analysis principle for component separation

Capabilities

Compatible Materials

Cotton Fiber • Synthetic Fiber • Wool • Cashmere • Angola Hair

Testing Capabilities

100 g

Sample Capacity