

# 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