

Dust Filter Efficiency Testing System

This dust filter efficiency test system assesses pulse clean filter characteristics according to VDI / DIN 3926, ASTM D6830-02, ISO 11057, GB / T 6719, and GB12625 standards. It employs both static and dynamic testing methods for various cleanable filter media in dry environments.



System Overview

Precision Filter Performance Assessment

This advanced dust filter efficiency testing system is engineered for the precise evaluation of air filter performance in removing particulate matter. Designed for both research and quality control environments, it ensures consistent, repeatable results through high-resolution particle counting and robust construction. The integrated software suite provides real-time data acquisition and comprehensive analysis, making it a reliable solution for verifying filter integrity across various operating conditions.

Application Suitability

Research • Quality Control

System Components

Core Components

- Particle generator
- Mixing chamber
- Filter holder
- High-resolution particle counter

Compliance & Standards

Certifications

CE, ISO 9001:2000