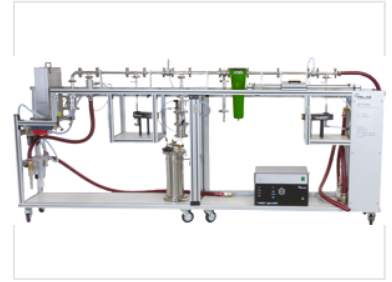


# Compressed Air Filter Media Tester

This compressed air filter test rig delivers fully-automated measurements of fraction separation efficiency. It tests compressed air filters under overpressure up to 10 bar.



## Product Overview

### Automated Compressed Air Filter Testing

This compressed air filter test rig provides fully automated measurements of fraction separation efficiency under overpressure conditions up to 10 bar. Designed for high reliability, the system utilizes advanced aerosol spectrometry to eliminate the need for diffusers or dilution systems. It is an ideal solution for research, development, and quality control applications requiring precise filter characterization.

## Technical Performance

Maximum Operating Pressure	10 bar
Measurement Capabilities	Fraction separation efficiency, Particle size determination, Particle concentration analysis
Dilution Required	No

## Compatibility & Accessories

### Supported Aerosol Generators

- PLG 3000 (Oil aerosol efficiency)
- AGF 3000 (Short-time burden tests)
- RBG 1000 D (Solid particles up to 3 bar)

### Oil Quantity Adjustment Range

**0.2 g/h**

Minimum

**12 g/h**

Maximum

## System Features

### Key Design Features

Feature	Benefit
Movable clean gas section	Accommodates various filter housing sizes
Wall flow separator	Prevents oil particle transport on duct walls
Automated monitoring	Adjusts air volume and pressure automatically