MFP 3000 G

Version MFP 3000 G is especially tailored to the requirements of the ISO 16890 measurement procedure.

优势

- Virtually simultaneous particle measurement in up- and down stream
- High reproducibility of the testing method
- Easy use of different test aerosols, e.g. SAE Fine and Coarse, NaCl/KCl, DEHS
- Highest raw gas concentrations of up to > 70 mg/m^3 (ISO Fine) or > 300 mg/m^3 (ISO Coarse) with measurement of the fraction separation efficiency for loading tests
- Sequence programs for pressure loss measurements, measurements of fraction separation efficiency and burden measurements
- Short set-up times
- Cleaning and calibration can be performed autonomously by the customer
- Easy use of the measurement technology components – even in other applications
- Mobile setup, easy to move on castors
- Validation of the clear function during acceptance testing

特点

- 分级效率及压损随流量变化的测量
- 采用Promo® 3000 气溶胶粒径谱仪
- 原气与净气双侧传感器连接
- 支持定制滤芯适配器及风道结构改造
- 提供现场校准与调整服务（涵盖粒径标定与流量校准）
- 通过标准孔板装置进行体积流量与压力损失校验

应用领域

- Testing of filter media and small filter elements in product development and during production monitoring.
- Testing option based on ISO 16890 (General ventialtion air filters), the test procedure according to ASHRAE 52.2 or EN 779 is optinal available.

技术数据

气溶胶	Dusts (e.g., SAE dusts), salts (e.g., NaCl, KCl), liquid aerosols (e.g., DEHS)
滤材测试面积	100 cm^2
测量范围(粒径)	0.2 – 40 μm
测量范围(质量)	Up to 1,000 mg/m^3 (depending on the version)
体积流量	1 – 36 m^3/h - suction mode
Differential pressure measurement	0 – 1,200 Pa selectable, 0 – 2,500 Pa selectable, 0 – 5,000 Pa selectable
Inflow velocity	5 cm/s – 1 m/s (others on request)
Compressed air supply	6 – 8 bar
Dimensions	2.500 • 680 • 1.550 mm (H • B • T)

标准和证书

ISO 5011, ISO/TS 19713, DIN 71460, ISO 11155-1, EN 779, ASHARE 52.2, ISO 16890