MFP 3000 C







 $Version\,MFP\,3000\,C\,is\,specially\,tailored\,to\,the\,requirements\,of\,the\,DIN\,71460\,and\,ISO\,11155-1\,Road\,vehicle\,interior\,filters\,measurement\,procedures.$

优势

- Virtually simultaneous particle measurement in the raw gas and clean gas
- Particle size measurements from $0.2 40 \mu m$
- Measurement of $C_{n max} = 10^5 \text{ particles/cm}^3 \text{ without dilution}$
- Internationally comparable measurement results
- 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 > 100 mg/m³ (ISO Fine) or > 500 mg/m³ (ISO Coarse) with measurement of the fraction separation efficiency for burden tests
- Flexible filter test software FTControl
- Sequence programs for pressure loss measurements, measurements of fraction separation efficiency and burden measurements
- · Easy to operate
- · 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 of individual components and the overall system during pre-delivery acceptance testing and upon delivery

特点

- Measurement of fractional efficiency and pressure loss vs. volume flow
- Use of the $Promo^{\circledR}$ 3000 aerosol spectrometer

https://www.tipalefsthe/en/producawiand3them.gas

Customized filter adapters and adaptations in the air duct possible

应用领域

- Testing of filter media and small filter elements in product development and during production monitoring.
- Testing option based on ISO 11155-1 / DIN 71460-1 (cabin air filters).

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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	$1-35~\mathrm{m}^3/\mathrm{h}$ - 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