



Fast and economical quality control and development of flat media with dust, oil or salt starting at 200 nm

Benefits

- Particle size measurements from 0.2 μm
- Internationally comparable measurement results
- Widespread distribution of the measurement system
- High reproducibility of the testing method
- Easy use of different test aerosols, e.g. SAE Fine and Coarse, NaCl/KCl, DEHS
- Flexible filter test software FTControl
- Sequence programs for pressure loss measurements, measurements of fraction separation efficiency and burden measurements
- Easy to operate; even untrained personnel can be instructed quickly in the use of the equipment
- 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
- Reliable operation
- Validation of the clear function of individual components and the overall system during pre-delivery acceptance testing and upon delivery
- Low-maintenance

Applications

- For filter media and small mini-filters
- product development and during production monitoring.
- Testing based on ISO 11155-1 (cabin air filters),
- Testing based on ISO 5011 (engine pre-air filters),
- Testing based on ISO 16890 (room air filters),
- EN 1822-3 (HEPA filters)
- CEN EN 143 and other standards in various versions.



<https://www.palas.de/product/mfp2000>

Datasheet

Parameter	Description
Measurement range (size)	0.2 – 40 µm
Volume flow	1 – 35 m ³ /h (pressurized operation)
Power supply	115/230 V, 50/60 Hz
Dimensions	approx. 600 • 1,800 • 900 mm (W • H • D)
Inflow velocity	5 – 100 cm/s (others on request)
Differential pressure measurement	0 – 2,500 Pa (others on request)
Test area of the medium	100 cm ²
Aerosols	Dusts (e. g. SAE dusts), salts (e. g. NaCl, KCl), liquid aerosols (e. g. DEHS)
Compressed air supply	6 – 8 bar

Palas GmbH
 Partikel- und Lasermesstechnik
 Greschbachstrasse 3 b
76229 Karlsruhe
 Germany

Managing Partner:
 Dr.-Ing. Maximilian Weiß
Commercial Register:
 register court: Mannheim
 company registration number: HRB 103813
 USt-Id: DE143585902



Contact: E-Mail: mail@palas.de Internet: www.palas.de Tel: +49 (0)721 96213-0 Fax: +49 (0)721 96213-33