



MFP 1000 HEPA with Promo[®] 1000

Benefits

- Particle size measurement from 120 nm (90 nm)
- Internationally comparable measurement results
- Simple use of different test aerosols, such as NaCl / KCl or DEHS; other test aerosols on request
- Easily shiftable dilution cascades with factors of 10, 100, 1,000 and 10,000 for measurements with salt or DEHS
- Simple measurement of the fraction separation efficiency and determination of the MPPS range
- Burden measurements up to 2500 Pa with fraction separation efficiency determination possible
- High reproducibility of the test method
- Flexible filter test software FTControl
- Easy to operate, even untrained personnel can be quickly trained in the use of the equipment
- Cleaning can be performed independently by the customer
- Short set-up times, fast throughput times
- Mobile set-up, easy to move on castors
- Clear verification of the function of the individual components and the system as a whole in the scope of pre-delivery acceptance testing and at delivery
- Reliable operation
- Little maintenance required

Applications

- MMPS (**M**ost **P**enetrating **P**article **S**ize) Messungen und Fraktionsabscheidegradmessungen nach ISO 29463 und EN 1822
- Prüfung von Filtermedien und kleinen Minifiltern in der Produktentwicklung und bei der Produktion-überwachung.
- Prüfmöglichkeit des Anfangsabscheidegrades in Anlehnung an ISO 11155-1 (Kabinenluftfilter), ISO 5011 (Motorvorluftfilter), EN779/ASHRAE 52.2 (Raumluftfilter), CEN EN 143 und andere Normen in unterschiedlichen Versionen.

<https://www.palas.de/product/mfp1000hepa>

MFP 1000 HEPA



Datasheet

Parameter	Description
Measurement range (size)	0.09 – 40 μm
Volume flow	0.54 - 16 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	1.5 - 40 cm/s (others on request)
Differential pressure measurement	0 – 2,500 Pa
Test area of the medium	100 cm^2
Aerosols	Dusts (e. g. SAE dusts), salts (e. g. NaCl, KCl), liquid aerosols (e. g. DEHS)
Aerosol concentrations	For SAE Fine without additional dilution up to 1,000 mg/m^3 (ISO A2 Fine)
Compressed air supply	6 – 8 bar

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