

APPLICATIONS

- Car interior filters
- Engine filters
- Cleanable filters
- Hot gas filters
- Vacuum cleaner filters
- Room air filters
- HEPA/ULPA filters
- Respiratory filters
- Diesel soot filters
- Compressed air filters
- Oil separators



OUR CORE COMPETENCIES

- Filter test systems
- Aerosol spectrometer systems
- Fine dust monitoring systems
- Nanoparticle measurement systems
- Particle generation systems
- Dilution systems
- Clean room particle technology
- Special developments
- Calibration systems
- Services
- Training courses and seminars

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FILTER MEDIA TEST RIGS



OVERVIEW

MFP 1000

filter media, pressure mode, for powders, liquid aerosols and salts
with PROMO® 1000

MFP 1000 Hepa

filter media, pressure mode, for liquid aerosols and salts
EN 1822-3 and ISO 29463-3
with PROMO® 1000
MPPS range



MFP 2000

filter media, pressure mode, for powders, liquid aerosols and salts
with PROMO® 2000

MFP 4000

with simultaneous measurement
filter media, suction mode for powders, liquid aerosols and salts
filter area 100 cm²
gravimetric efficiency
with 2 x PROMO® 2000



MFP 3000

filter media, suction mode for powders, liquid aerosols and salts, filter area 100 cm²
gravimetric efficiency
with PROMO® 3000
 $C_{M \max} \approx 1 \text{ g/m}^3$

MFP 3000 FTD

additional test duct FTD:
filter area 400 cm²
easy switching between 100 and 400 cm² duct

MFP 3000 C

testing procedure better than
ISO 11155-1/DIN 71460-1

MFP 3000 G

testing procedure better than
ISO 16890
Ashrae 52.2 and EN 779 (on request)

MFP 3000 M

testing procedure better than ISO 5011/
ISO TS 19713

MFP 3000 HF

filter media, suction mode for powders, liquid aerosols and salts
active control of relative humidity from 10–80 % and temperature from -10–50 °C
0.2–40 µm (PROMO® SYSTEM) and 5 nm–1 µm (U-SMPS SYSTEM)



MFP NANO PLUS

filter media, pressure mode, for liquid aerosols and salts
MPPS range with U-SMPS 2050
EN 1822-3 and ISO 29463-3

MFP NANO PLUS 4000

with simultaneous measurement
U-SMPS SYSTEM with two UF-CPC devices (UF-CPC 50 and UF-CPC 200)
EN 1822-3 and ISO 29463-3



MMTC 2000

for cleanable filter media according to
VDI 3926

MMTC 2000 EHF

for cleanable filter media according to
VDI 3926 with humidity and temperature control

