

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

Palas GmbH

Siemensallee 84 | Building 7330 |
76187 Karlsruhe | Phone: +49 721 96213-0
www.palas.de

Version: April 2024

FILTER TEST RIGS



OVERVIEW

FET 100

for small filter elements up to a cross-sectional area of 100 • 100 mm

FET 300

for medium filter elements up to a cross-sectional area of 305 • 305 mm

FET 600

for large filter elements up to a cross-sectional area of 610 • 610 mm

All FET SYSTEM devices test better than ISO 16890, ISO 11155, ISO 5011, ASHRAE 52.2, ISO 29463-3/-5



LFT 1000

manual scantest with for HEPA/ULPA filter comparable to ISO 29463-4 Annex B with a photometer

LFT 2000

manual scantest for HEPA/ULPA Filter comparable to ISO 29463-4 Annex F with a particle counter

LFT 3000

automatic leakage scantest for HEPA/ULPA Filter in accordance with ISO 29463-4/-5



CIF 1000/2000/3000

for cabin air intake filters
DIN 71460-1/-4, ISO 11155-1
humidity and temperature control on request
with PROMO® 1000/2000/3000



HMT 1000

for oil mist separators
ISO 17536 blow-by, closed crankcase ventilation, isothermal, heatable, $T \leq 120^\circ\text{C}$
with PROMO® 1000 HP



HMT 1000 P

additionally ± 200 mbar variable inlet pressure

DFP 3000

for compressed air filters
ISO 12500-3
test pressure $P_{\text{abs}} \leq 5$ bar for filter media
test pressure $P_{\text{abs}} \leq 8$ bar with droplets, dusts
with PROMO® 3000 P



PMFT 1000

for development and production monitoring of half masks
better than EN 149, 42 CFR 84, GB 2626 and EN 13274-7
with PROMO® 1000



PMFT 1000 M

for reliable continuous operation in routine monitoring of half masks
better than EN 149, 42 CFR 84, GB 2626 and EN 13274-7
with PROMO® 2300 LED

PMFT 1000 F

as an all-rounder in the testing of almost all mask and filter types
better than EN 143, ISO 16900-3 and NIOSH 42 CFR 84 as well as EN 149/ISO 13274-7 and GB 2626
with PROMO® LED 2000

TVE 3000

for vacuum cleaners
in accordance with EN 60312
with PROMO® 3000

