PALAS® GmbH

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Your competent partner for filter test systems for particle sizes from 2 nm to 100 µm

Due to ingenious innovations, Palas® is market leader in building different test systems for filter media, filters and inertial separators, from coarse separators up to ULPA qualities.

Fidas® 200 and Fidas® 200 S are the world's only suitability-tested optical fine dust measuring devices with single particle analysis for simultaneous determination of $PM_{2.5}$ and PM_{10} measurements. Additionally, they enable simultaneous determination of particle size distribution and further relevant parameters.

Particular advantages of the Palas® components:
Long life time, high operational availability, great reliability.
Maintenance and calibration can be done by the customer himself.
Customer service via Internet.
Reduces your operating costs!

Technical data:
Particle size range: 2 nm to 100 µm
Concentration ranges: < 1 1/cm³ up to 10^7 1/cm³
Temperature ranges (sensor): -120 °C up to 470 °C
Pressure range (sensor): up to 10 bar overpressure

The **Palas® software packages** are arranged clearly and user-friendly:
- PDControl for particle measurement
- FTControl for test rig control, measurement procedure control, evaluation, documentation, protocol. Data transfer to Excel possible.

Reliable technology from Palas® - Your advantage
- in quality assurance
- in development
- in research.

Applications: Car interior filters, engine air filters, tank breathers, oil mist separators, diesel particle filters, compressed air filters, air filters, HEPA and ULPA filter media, vacuum cleaner filters, protective clothing, respiratory filters, cleanable filter media, wire-cloth, coalescence separators etc.

The **modular setup** of the Palas® filter test systems allows using the aerosol technical components easily and quickly also for other applications.

Core competencies

- **Filter test systems**
- **Aerosol spectrometer systems**
- **Particle generation systems**
- **Nanoparticle measurement systems**
- **Fine dust measurement systems**
- **Dilution systems**
- **Special developments**
- **Calibration systems**
- **Cleanroom particle technology**
- **Services**
- **Trainings and seminars**