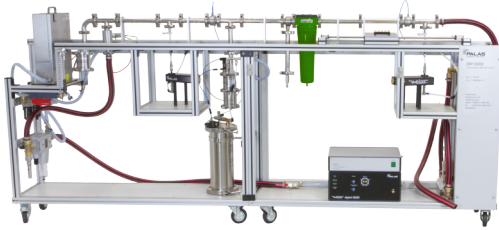


DFP 3000 Compressed air filter test rig



Benefits

- Particle measurements at a glance
- Internationally comparable measurement results
- High reproducibility of the testing method
- Easy use of different test aerosols, e.g. DEHS, SAE Fine and Coarse
- Flexible filter test software FTControl
- Flexibly programmable sequence programs for pressure loss measurements, measurements of fraction separation efficiency and burden measurements
- Fully-automatic and reproducible test sequence including pressure and volume flow control
- 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

- Testing of complete filters better than ISO 12500
- Testing of filter media
- Determination of the drainage amount during burdening



<https://www.palas.de/product/dfp3000>

Datasheet

Parameter	Description
Measurement range (size)	0.2 – 40 µm, 0.3 – 40 µm (at 7 bar _g)
Volume flow	1 – 60 Nm ³ /h or 10 – 200 Nm ³ /h (pressurized operation)
Power supply	115/230 V, 50/60 Hz
Dimensions	300 • 130 • 60 cm (W • H • D)
Differential pressure measurement	0 – 3.000 Pa
Aerosols	Liquid aerosols, e. g. DEHS
Aerosol concentrations	up to 10 ⁶ particles/cm ³
Compressed air supply	10 bar _g
Pressure	1 – 7 bar _g relative

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