



Filter test rig for cleanable filter media in accordance with VDI 3926. Versions for temperature and/ or relative humidity control

Benefits

- Internationally comparable measurement results thanks to the widespread use of the MMTC 2000 measurement system
- High reproducibility of the testing method
- Different dusts from real applications can be used
- Quick and easy adjustment of the raw gas concentration
- Simulation of the so-called garland effect
- Suitable for in-situ measurements
- Online measurements of the particle size and particle concentration with the light scattering spectrometer welas® digital
- MMTC 2000 EHF: This test rig can be heated to 250°C; the relative humidity can be set to levels up to 80% (at a temperature of 90°C).
- Lightweight, small and mobile design
- Easy handling, easy cleaning
- Quick set-up time when changing the filter or test dust
- Validation of the clear function of individual components and the overall system during pre-delivery acceptance testing
- Reliable operation
- Short set-up times, extremely low-maintenance
- The unit will reduce your operating costs

Applications

- Standardized test in accordance with VDI 3926
- Individual tests under close-to-real conditions as defined by the different process conditions, e.g. in the cement industry, in the wood-processing industry, the pharmaceutical industry, the chemical industry, in nuclear power plants and many other areas...

Model Variations



MMTC 2000 E

Stainless steel version for temperatures up to 70°C

<https://www.palas.de/product/mmtc2000e>



MMTC 2000 EH

Stainless steel version with heating and insulation for temperatures up to 250°C

<https://www.palas.de/product/mmtc2000eh>

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Datasheet

<i>Parameter</i>	<i>Description</i>
Volume flow	1 – 5.5 m ³ /h (others on request, suction mode)
Power supply	120/230 V, 2A (single phase connection)
Dimensions	Approx. 1,200 • 630 • 1,700 mm (H • W • D)
Powder Disperser	RBG 2000 für nicht kohäsive Pulver und Stäube, z. B. Pural NF, Pural SB, ISO A2 fine, ISO A4 coarse, verschiedene Arten von TiO ₂ und anderen Pulvern Massenstrom: ca. 0,2 – 90 g/m ³ (abhängig von Pulvergröße und -dichte)
Inflow velocity	3 – 8.8 cm/s (others on request)
Differential pressure measurement	0 – 5,000 Pa
Test area of the medium	177 cm ²
Aerosols	Dusts (e. g. SAE dusts)
Compressed air supply	6 – 8 bar
Valve opening times	50 – 500 ms
Pressure for pulse jet cleaning	Adjustable up to 6 bar _g

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