MMTC 2000 E





In this version, the filter holder MMTC 2000 E is made of V2A in order to cover a higher temperature range.

OPERATION PRINCIPLE

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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

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DATASHEET

Aerosols	Dusts (e. g. SAE dusts)
Test area of the medium	177 cm ²
Volume flow	1 – 5.5 m ³ /h (others on request, suction mode)
Power supply	120 – 230 V, 2A (single phase connection)
Differential pressure measurement	0 – 5,000 Pa
Inflow velocity	3 – 8.8 cm/s (others on request)
Compressed air supply	6 – 8 bar
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 TiO2 und anderen Pulvern, Massenstrom: ca. 0,2 – 90 g/m³ (abhängig von Pulvergröße und -dichte)
Valve opening times	50 – 500 ms
Pressure for pulse jet cleaning	Adjustable up to 6 barg
Dimensions	Approx. 1,200 • 630 • 1,700 mm (H • W • D)

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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, wood-processing industry, pharmaceutical industry, chemical industry, nuclear power plants, and many other areas...



Mehr Informationen:

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