

MMTC 2000 EH

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



Description

In this version, the filter holder MMTC 2000 E is made of V2A in order to cover a higher temperature range. The addition of heating and insulation allows filter testing at temperatures of up to 250°C.

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

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 for non-cohesive powders and bulks as e. g. Pural NF, Pural SB, ISO A2 fine, ISO A4 coarse, different types of TiO ₂ and other powders from practice Mass Flow: approx. 0.2 – 90 g/m ³ (depending on powder size and density)
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

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...

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