

MMTC 2000 EH



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.

OPERATION PRINCIPLE

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

| | |
|-----------------------------------|---|
| 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 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) |
| Valve opening times | 50 – 500 ms |
| Pressure for pulse jet cleaning | Adjustable up to 6 bar _g |
| Dimensions | Approx. 1,200 • 630 • 1,700 mm (H • W • D) |
| Special features | Heatable up to 250 °C |

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/mmtc2000eh>