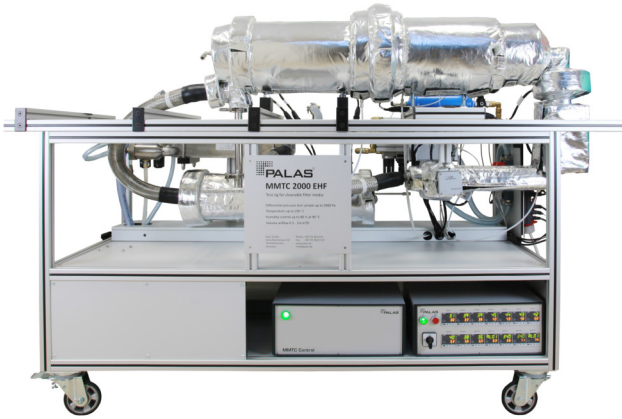


# MMTC 2000 EHF



## DESCRIPTION

In this version, the filter holder MMTC 2000 EHF 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.

In addition, the relative humidity can be controlled on this system up to 80% rel. humidity at a maximum temperature of 90°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*<sup>®</sup> 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

Volume flow	1 – 5.5 m <sup>3</sup> /h (others on request, suction mode)
Inflow velocity	3 – 8.8 cm/s (others on request)
Differential pressure measurement	0 – 5,000 Pa
Aerosols	Dusts (e. g. SAE dusts)
Compressed air supply	6 – 8 bar
Test area of the medium	177 cm <sup>2</sup>
Power supply	120 – 230 V, 2A (single phase connection)
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 <sub>2</sub> and other powders from practice, mass flow: approx. 0.2 – 90 g/m <sup>3</sup> (depending on powder size and density)
Valve opening times	50 – 500 ms
Pressure for pulse jet cleaning	Adjustable up to 6 bar <sub>g</sub>
Dimensions	Approx. 1,200 • 630 • 1,700 mm (H • W • D)

## 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...



Mehr Informationen:  
<https://www.palas.de/product/mmtc2000ehf>