

# 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.

## BENEFITS

- 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
- 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

## 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...

## DATASHEET

|                                   |   |
|-----------------------------------|---|
| Aerosols                          | Dusts (e. g. SAE dusts)   |
| Test area of the medium           | 177 cm <sup>2</sup>   |
| Volume flow                       | 1 – 5.5 m <sup>3</sup> /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   |
| Pulverdispergierer                | 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)  |
| Special features                  | Heatable up to 250 °C   |

## NORMS AND CERTIFICATES

VDI 3926