



IMR200

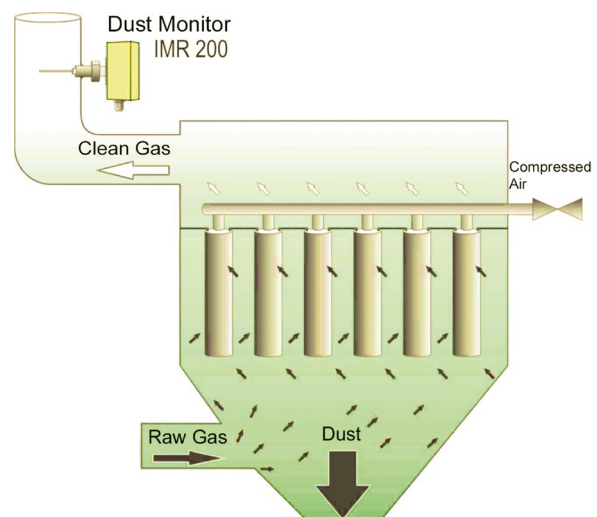
The Dust Measuring System for Industrial Applications

PRODUCT ADVANTAGES

- Tribo electric probe and evaluation unit in one compact system
- On-site diagnosis of the facility's state due to a graphical display with high resolution showing an on-line diagram
- System can be adopted to almost every application
- Display of values in mg/m³
- No purging air supply necessary
- Output of values as 4 ... 20 mA Signal
- Almost maintenance free

IN-SITU DUST MONITOR

The Dust monitor IMR200 is operating based on the tribo-electric measuring principle and has the approval of the TA Luft (TI Air) as a tested and licensed instrument for continuous quality measuring of dust emissions. The IMR 200 is a compact system and allows easy installation and commissioning. The tribo electric probe is almost maintenance free.





TECHNICAL DATA

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Housing	Compact unit
Probe	Triboelectric probe with variable length (30 - 500 mm)
Measuring range	0 ... 100 % to 0 ... 10 (1.000) mg/m ³
Calibration	By gravimetric comparison measurements
Gas temperature	max. 280 °C (higher temperatures on request)
Ambient temperature	-20 to +50 °C
Dew point difference	min. + 5 K
Flow velocity	From approx. 3 m/s
Analog output	4 ... 20 mA
Digital signals	Error, Limit 1 / 2
Weight	2,5 kg
Dimensions	160 x 130 x 40 mm (W x H x D)
Power supply	230/110V/50-60 Hz, 24 VDC
The system complies with EN 14181, TÜV approved. No. 936/21200495/D	



DIN EN 14181

