

Dust/Particulate Monitoring Solutions



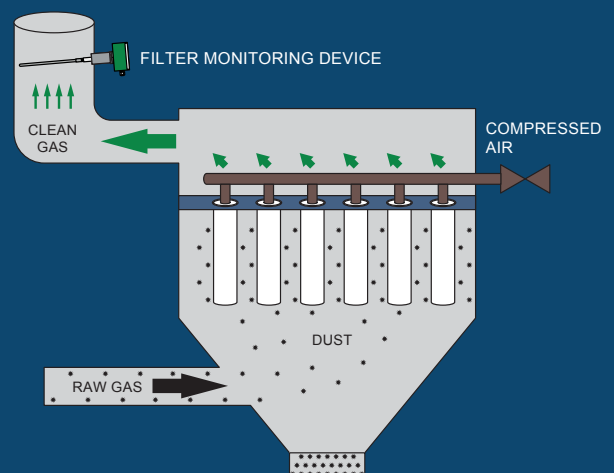
Efficient Monitoring Solutions for the Foundry and Casting Industry!

CEM Solutions service and calibrate particulate monitors on-site for foundries throughout the UK. We also supply high quality instruments and a data handling/report generation package.

APPLICATION

Monitoring of filter plants can either be indicative (highlights an error/change) or quantitative (gives specific values). It can be at a single point or as part of a multi-sensor system. Our CEMWare Software is also available to provide a continuous overview of the performance of a Particulate Filter and, in the event of a failure, quickly determine its specific location.

PARTICULATE FILTER MONITORING

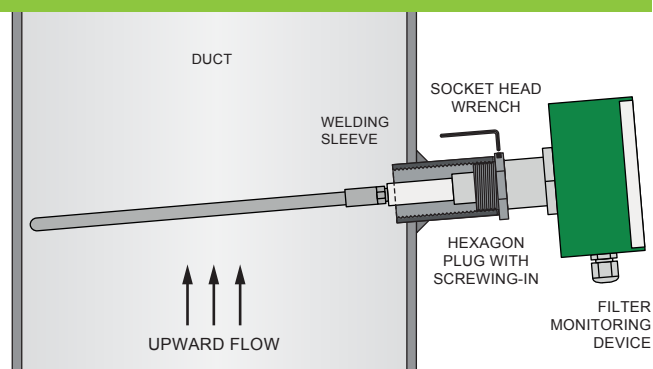




SOLUTION

Dr Foedisch Dust/Particulate sensors are specifically designed to detect early failure of bag filter plants such as broken bag. This compact, cost effective probe either works individually to determine an overall fault, or can be coordinated as part of a multi-sensor system to localise faults in your process.

- Qualitative and Quantitative dust measurements
- Compact design
- Low service requirements



Dr Foedisch Particulate Filter Monitor PFM 13

KEY FEATURES:

- Low initial outlay
- No consumables
- Optimised maintenance routines
- Optimised maintenance intervals
- Simple commissioning



Dr Foedisch Particulate Filter Monitor PFM 20

KEY FEATURES:

- QAL 1 Certified and MCERTS Tested (Certificate pending)
- Lowest certificated range 0 - 7.5 mg/m³ dust, max. measuring range 0...250 mg/m³ dust (special range 0...1,000 mg/m³ dust on request)
- Automatic zero and reference point check
- Compact probe head and coated probe rod
- Customizable probe rod lengths and power supply options
- Modbus RS 485, analogue and digital signal output
- Connectivity for external display and operation unit (DUx 20; optional)
- Robust device and long-term stable measurement results



CEM Solutions CEMWare Data Acquisition & Handling

KEY FEATURES:

- 17" Touch screen display
- View live and historical trend data
- Minimum 36 months data storage space as standard
- Export logged data to Excel, .csv or text file
- Flexible input/output selection
- Audio / Visual Alarms

