Dust monitor

Scattered light dust monitor to measure small to medium dust emissions

Features

- Easy installation on one side of the duct
- Easy installation, no alignment needed
- Long lifetime as there are no moving parts inside the duct
- Probe with corrosion resistant nano-tech coating
- Automatic zero and reference point check
- Automatic contamination control and correction

Applications

- Power stations
- Cement plants, the metallurgy and wood industries, chemical industry etc.
- Waste incineration plants
- Monitoring of dust filter plants

Approvals

- Suitability-tested by the TÜV Cologne, test report 936/21205307/A
- MCERTS
- Approved and certified acc. to EN 15267-3



Measuring principle

The D-R 800 works according to the principle of forward scattering. The concentrated and modulated light of a laser diode penetrates the measuring volume. The forward-scattered light largely reflected from dust particles is measured and assessed.

System components

- Measuring lance
- Supply unit with integrated purge air supply
- Mounting flange

Options

- Weather protection cover
- Hastelloy probe













