STACK 980

PARTICULATE **MEASUREMENT SYSTEM**

envea
Elevating standards. For life.

An MCERTS-certified ElectroDynamic® particulate CEM delivering continuous dust monitoring from 0-1000 mg/m³ for dry stacks after bagfilters and cartridge-filter systems

FEATURES AND BENEFITS

- Combines regulatory approvals for both dust measurement and leak monitoring with reliable automatic quality assurance features, rugged operation and advanced diagnostics capability for managing and improving the operation of bagfilter arrestment plant.
- ElectroDynamic® Probe Electrification ensures the sensor rod is unaffected by contamination
- Upgradeable to include control for up to 32 sensors, plus 16 additional calculated channels (e.g. for Mass or normalised concentration)
- Meets MCERTS Class 2 and EN 15859 requirements for Filter Dust Monitors



CLASS 2 APPROVED
PARTICULATE DUST MONITOR
EN 15859 COMPLIANT

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CONTROL **UNITS**

The STACK 980 PRO system is powered by ProController, which provides central communications for analysing emissions data and trends and compliance reporting, as well as data recording for plant networks with multiple sensors (up to 32) and links the sensors into data acquisition systems (DAHS/DCS).The STACK 980 Standard system is for simple, single-sensor systems and is powered by the Standard Controller.



ProController



Standard Controller

TECHNICAL **SPECIFICATIONS**

Ambient Temperature Range	-20°C to 50°C
Enclosure Protection Rating	IP65
Enclosure Material	Die-cast aluminium (polyester powder coated)
Sensor Rod Material	316 Stainless Steel, insulator: PEEK/Sialon (400/800°C)
Power Supply Voltage	18 - 24 V DC (from the control unit or PSR)
Cable Entries	3x M20 cable glands
Air Purge Requirements	Required for passive/active sensors. May also be required on other applications. Optional air purge fitting and external supply of 5–10 litres/minute of dry, clean (oil-free) instrument air.

For more details and order information consult the ProController Specification Guide.
Local 4-20mA and Alarm relay outputs are available from all sensor types (non-Ex versions only).

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STACK 980 Datasheet
STACK 980 Particulate Measurement System - Specifications subject to change without notice.