VIEW 580

PARTICULATE MEASUREMENT **SYSTEM**

envea
Elevating standards. For life.

The VIEW 580 is suitable for monitoring particle emissions from combustion boilers and stacks controlled by electrostatic precipitators.

FEATURES AND BENEFITS

- Reliable and cost-effective monitoring of dust concentration emissions from industrial boiler stacks and electrostatic precipitators
- *DynamicOpacity™* Ratiometric Opacity technology provides inbuilt continuous compensation for lens contamination
- Rugged operation with tolerance to misalignment and easy access to optics for cleaning



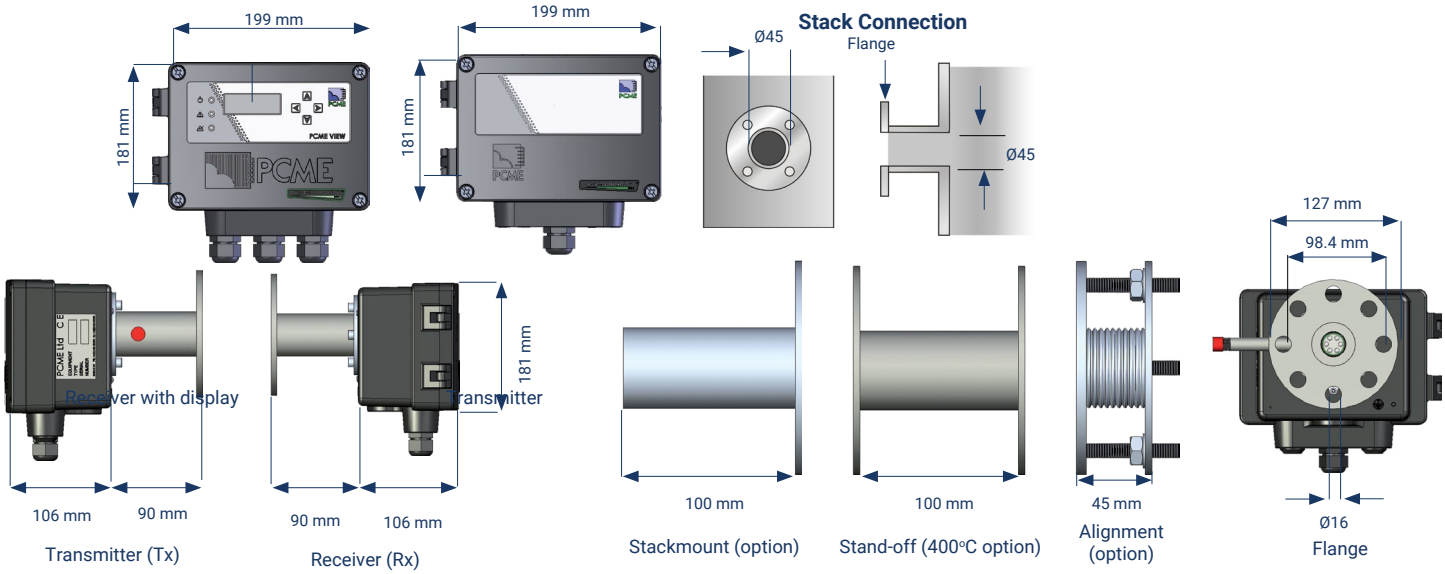
VIEW 580

PARTICULATE MEASUREMENT **SYSTEM**

TECHNICAL **SPECIFICATIONS**

Specifications	Receiver	Transmitter
Ambient Temperature	-25˚C to 55˚C	-25˚C to 55˚C
Stack Connection	DN40 PN6	DN40 PN6
External Dimensions (mm)	200 W x 190 H x 200 D (from flange)	200 W x 190 H x 200 D (from flange)
Weight (kg)	3.9	3.5
Enclosure Rating	IP65 (with hinged lid closed)	IP65
Power Requirements	100/240 VAC 50/60 Hz (32 mA) or 24 VDC (300 mA)	Supplied by receiver
Outputs	Isolated 4-20 mA(500Ω) Warning alarm relay (SPST 1A@ 24 VDC) Fail Safe Emission alarm relay (SPST 1A@ 24 VDC) Fail Safe RS-485 (Modbus RTU) - option	N/A
External LED x3	Indicates power, fault and emission alarm	
User Set Up	4 digit display and set up keys accessible on opening hinged lid (option for external keys and display)	N/A
Cable Entries	3 x M20 gland/conduit entries	1 x M20 gland/conduit entry
Connecting Cable Between Receiver and Transmitter	Supplied with 10m of cable (8 core, 7 x .22mm screened, PVC insulated, overall diameter 6.3mm)	
Air Purge Connection	1/4” BSP	1/4” BSP
Anti Fouling Connection (for high humidity/high dust applications)	Optional extra	Optional extra

DIMENSIONS



ENVEA UK
Rose and Crown Rd, Swavesey,
Cambridge CB24 4RB, UK
+44 (0) 1480 468200

26.11.2025
View 580 Datasheet
View 580 Particulate Measurement System - Specifications subject to change without notice.