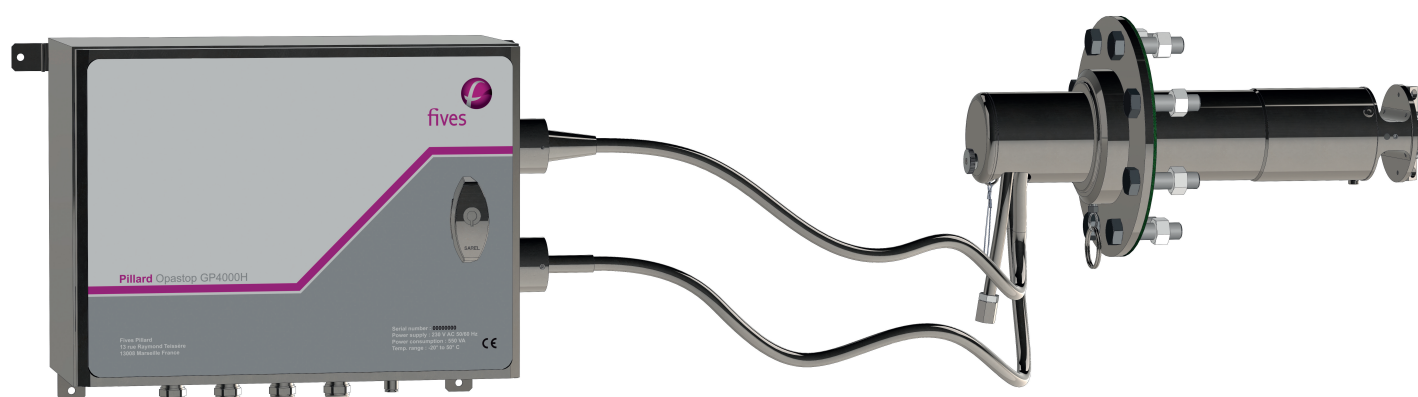


# Pillard Opastop® GP4000H-C

## Dust monitor for industrial stacks



## Simplified dust measurement system with standard flange

- Proven technology, accurate results
- Flexible solution, can be applied to all industries
- Easy installation with a single sensor
- Easy maintenance thanks to smart design

# Pillard Opastop® GP4000H-C is Fives' latest solution for low dust concentration to ensure continuous measure and control dust emissions to all stacks industries.

With advanced back scattering technology for stacks and after bag filter monitoring, Pillard Opastop® GP4000H-C is the ultimate solution to monitor dust emission with circular international standard flange.

## PROVEN TECHNOLOGY, ACCURATE RESULTS

Through the back scattering technology, the LED light beam offers accurate measurement (insensitive to ambient light). The self-checking functions system avoid a distorted measurement signal.

## TECHNICAL FEATURES

### PANEL ANALYZER

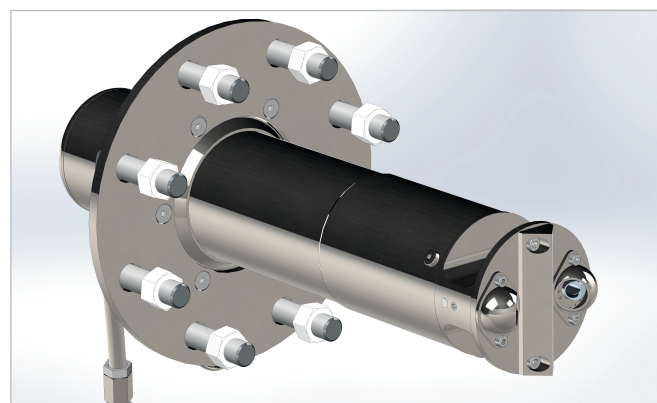
Housing	Epoxy metallic paint
Power supply	230V/115V (+10%/-15%) 50Hz/60Hz
Operating temperature	-20 °C to +50 °C
Measuring scale	Adjustable, minimum 10 mg/Nm <sup>3</sup> Maximum 1000 mg/Nm <sup>3</sup>
Display correction	Automatic scale switch-over
Analogue output	Three 4-20 mA for 750 Ohms
Digital processing	4 programmable relays on scale, threshold fouling level and general fault
Dimensions/weight	500 x 400 x 200mm/18kg
Power consumption	50 VA

### SCANNER HEAD

Shell	Stainless steel 316L
Heating element	Electric resistor 500VA
Sweeping air pressure/flow rate	2 to 3 Nm <sup>3</sup> /h
Maximum flue gas temperature	700 °C
Automatic self-checks	Air presence and temperature control
Weight	4.8 kg
Flange size	4 inches class 150

### OPTICFIBER

Sensor tip and sheath	Stainless steel 304L
Standard lengths	1.20 m or 2.20 m
Admissible temperature on fibers without sweeping air	-20 to 220 °C



## FLEXIBLE SOLUTION

Pillard Opastop® GP4000H-C is adapted to all industries:

- Small and average sized ducts
- Weak and substantial dust concentration
- Light and dark colored particles (coal, oil biomass and other solid fuels)

## EASY INSTALLATION WITH A SINGLE SENSOR

Pillard Opastop® GP4000H-C is simplified thanks to a single circular sensor designed with one side mounting type.

## EASY MAINTENANCE THANKS TO SMART DESIGN

As high-performance solution, Pillard Opastop® GP4000H-C is adapted to specific industries' features (higher length of optic fiber, materials, dimensions).

## OPTIONS

- 3-years warranty (optional)
- Air sweeping device (optional)
- Protection cover against weather/splash

## SERVICE

- Commissioning assistance
- Maintenance contract

## CERTIFICATIONS

- Compliant with NF X 43-302
- IP65 protection rating (EN 60529)
- European regulation related to electromagnetic compatibility (2004/108/CE)

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