

Dust concentration emissions measuring OPASTOP® GP2001H



Continuous monitoring
Measuring by reflection
Single scanner head for simplified installation
Modular design for easy maintenance
Fibre optic connections for excellent temperature and vibration resistance
Modulated network for insensitivity to ambient light

→ 30 years of experience in dust monitoring



Meeting the requirements of ever more stringent regulations, Fives Pillard propose the **OPASTOP® GP2001H** to their clients, 3rd generation of their in-situ opacimeter. The measuring system by reflection using a single scanner head enables dust concentration emissions at the stack to be obtained in a simple and precise manner.

CHARACTERISTICS	
ANALYSER PANEL	
Housing	Epoxy metallic paint
Power supply	230 V ~ / 115 V ~ (+10/-15%) 50 Hz / 60 Hz
Power consumption	400 VA (with scanner head heated)
Operating temperature	-20 to +50°C
Measuring range	0 to 1000 mg/Nm ³
Measuring scale	adjustable, minimum 50 mg/Nm ³
Display correction	from 0.1 to 1 mg/Nm ³ according to scale
Twin measuring scale	automatic scale switch-over
Analogue output	4-20 mA for 750 Ohms (adjustable for 0-24 mA) with possibility of fault display
Digital processing	3 programmable relays on scale, threshold and general fault
Dimensions / Weight	500 x 400 x 200 mm / 16 kg
Warranty	1 year
SCANNER HEAD	
Shell	Stainless steel 304L
Heating element	Electric resistor 300 W
Sweeping air pressure/flow rate	0.3 to 0.4 bars / 3 Nm ³ /h
Maximum flue gas temperature	350°C
Automatic self-checks	air presence and temperature control
Weight	4.8 kg
FIBRE OPTIC	
sensor tip and sheath	Stainless steel. 304L
Standard lengths	1.20 m or 2.20 m
Admissible temperature on fibres	-20 to 220°C

→ Options / Services

- High temperature scanner head (475°C)
- Stainless steel 304L housing
- Sized fibre optic length
- Commissioning assistance
- Maintenance contract
- Optional 3 year warranty

→ Certifications

- Protection rating(EN 60529): IP 65
- Approval n° 78.1.01.923.1.0 by the French Ministry of industry for heating installations over 300 kW
- Meets standard NFX 43-302
- In accordance with the European directive concerning electromagnetic compatibility (CE)
- QAL 1 according to standard ISO 14956