

Portable Combustion analyser FLAMCHECK V2



- Accurate, quick and simultaneous analysis of O_2 , NO and CO concentrations (including SO_2 as an option)
- Robust design for daily use in an industrial environment
- Automatic protection of the measuring cells
- User friendly display of parameter settings on the unit
- Calculation of combustion efficiency
- Integrated printer
- Transmission of measured values via Bluetooth

→ The experience of optimised combustion.



Used by our commissioning engineers, the **FLAMCHECK V2 combustion analyser** has a very large sampling and measuring capacity. It enables a quick, accurate and simultaneous reading of O₂, CO and NO levels (including SO₂ as an option). Its regular use enables combustion optimisation for your plant.

GENERAL CHARACTERISTICS	
Power supply	100 – 240 VAC 50/60 Hz 70 VA
Operating temperature range	-20°C to +50°C
Housing	Structured copolymer polypropylene resin
Dimensions / Weight	470 x 357 x 176 mm / 10.5 Kg
Display	120 x 40 mm - 4 lines, back-lit
Particle filter dimensions	Ø 60 mm H 50 mm
Flue gas suction pump flow rate	4 l/min
Condensates	Automatically drained by a peristaltic pump
Zero adjustment	Automatic
Cell purging	Automatic
Protection against high temperatures and over-scaling	Automatic by solenoid
Measure of flue gas temperature	Thermocouple K 0°C to +1000°C
Measure of ambient temperature	Thermocouple K -20°C to +1000°C
Combustion efficiency	Automatic calculation : integrated
Print-out of readings	Integrated printer
PC communication	Bluetooth connection

O ₂ CELL (Oxygen)	
Cell type	Electrochemical
Measuring range	0 to 20.9%
Resolution	0.1%
Accuracy	+/- 1% of the measured value
Response time	15 s

NO CELL (Nitrogen monoxide)	
Cell type	Electrochemical
Measuring range	0 to 1000 ppm
Resolution	1 ppm
Accuracy	+/- 2% of the measured value
Response time	10 s

CO CELL (Carbon Monoxide)	
Cell type	Electrochemical
Measuring range	0 to 1000 ppm or 0 to 10000 ppm
Resolution	1 ppm
Accuracy	+/- 2% of the measured value
Response time	30 s

SO ₂ CELL (Sulphur Dioxide) (option)	
Cell type	Electrochemical
Measuring range	0 to 2000 ppm
Resolution	1 ppm
Accuracy	+/- 2% of the measured value
Response time	30 s