



Up to 6 Gas Sensors



Field Replaceable Sensors



Built-in Printer



Full Color Graphic Display



Mobile App - iOS, Android



Seitron Smart Analysis



Seitron Smart Analysis
Software Windows 10



S6000-4N Portable Emissions Analyzer

S6000-4N

INDUSTRIAL/COMMERCIAL PORTABLE EMISSIONS ANALYZER

4 SENSORS (O₂, CO, NO and NO₂)

- Built In Printer
- Low NO_x (Low NO+NO₂) Available
- Dilution pump for CO auto range up to 100,000 ppm
- Built in Manometer
- Automatic data logging
- Large Color Display
- 2000 Test Internal Memory
- Reporting Software & Mobile App via Bluetooth®
- Long Lasting Rechargeable Battery & AC Charger
- Draft & Differential Pressure
- Temperature Measurements
- Gas velocity w/optional Pitot tube

Kit Content:

- Flue Gas Analyzer
- Flue gas probe with 12" tip and 10 ft hose
- Water trap
- AC power charger
- Differential pressure kit
- Hard plastic kit case

S6000-4N Analyzer

MEASUREMENT	SENSOR	RANGE	RESOLUTION	ACCURACY
O2	Electrochemical	0 .. 25.0% vol	0.1% vol	±0.2% vol
CO sensor with Over Range protection NOx filter	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value
		501 .. 8000 ppm	1 ppm	±5% measured value ±10% measured value
Low NO Standard NO	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value
		501 .. 5000 ppm	1 ppm	±5% measured value
Low NO2 Standard NO2	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value
		501 .. 1000 ppm	1 ppm	±5% measured value
Air Temperature	Pt100	- 4 to 248 °F - 20 to 120 °C	33.8 °F 32.2°F (0.1 °C)	33.8 °F 32.2°F (0.1 °C)
Gas Temperature	TcK	- 4 to 2280 °F - 20 to 1250 °C	33.8 °F 32.2°F (0.1 °C)	33.8 °F 32.2°F (0.1 °C)
Differential temperature	Calculated	- 4 to 2280 °F - 20 to 1250 °C	32.2°F (0.1 °C)	-
Pressure/Draft	Piezo Resistive	-40.1 .. +80.4 in H2O	0.004 in H2O	±1% measured value ±0.08 inH2O ±1% measured value
Excess air	Calculated	0 .. 850%	1%	-
Efficiency	Calculated	0 .. 100%	0.1%	-
Warranty	2 years on Sensors and 2 years on Analyzer			

ACCESSORIES



Standard Probe Detail:

- 12" (300mm) probe
- 1112 °F (600 °C) max
- 10' (3m) Dual Hose

Extra Long & High Temp Probe Detail:

- 40" (1m) Probe or 60" (1.5m) probe
- 2192 °F (1200 °C) max
- 10' (3m) Hose

Long Probe Detail:

- 30" (750mm) probe
- 1472 °F (800 °C) max
- 10' (3m) Dual Hose

Hose Extention:

- 10' (3m) Length Available

Passive SCU (AJCP01)



The **passive sample cooler** removes moisture from the flue gas prior to entering the sample line in order to increase the integrity and accuracy of the gas measurements – especially for Low NOx.

Active SCU (AACE01)



The **external active sample conditioner** can be connected to the analyzer and has a Peltier cooler with automatic condensate drain for high accuracy measurements and perfect for long-term testing.