



S6000

INDUSTRIAL / COMMERCIAL EMISSIONS ANALYZER

Fast / Easy / Robust / Accurate

- Built In Printer
- Up to 6 gas (O₂, CO, NO, NH₃, NO₂, CO₂, SO₂, CxHy (HC), H₂, H₂S, CH₄)
- Low NOx & Low SOx Capable
- True NOx (Low NO+NO₂) Available
- Automatic data logging
- NOx & SOx in one Instrument
- Dilution pump for CO Auto range up to 100,000 ppm
- Smartphone Real Time + QRcode App (iOS, Android)
- Built in Manometer
- Draft/Pressure included
- PC Software Included
- New Ammonia Measurement



Seitron Smart Analysis



Built-in Printer



Field Replaceable Sensors



Up to 6 Gas Sensors



Full Color Graphic Display



Mobile App - iOS, Android



Windows Software
Seitron Smart Analysis



Features

- Draft & Differential Pressure
- Temperature Measurements
- Large Color Display
- 2000 Test Internal Memory
- Bluetooth Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose
- Gas velocity w/optional Pitot tube
- Longer probes: extension hoses available

SEITRON AMERICAS INC.

4622 E. Street Road

Trevose, PA 19053 - USA

Phone (215) 660-9777 - Fax (215) 660-9770

info@seitronamericas.com - www.seitronamericas.com



MEASUREMENT	SENSOR	RANGE	RESOLUTION	ACCURACY
O ₂ Long life	Electrochemical	0 .. 25.0% vol	0.1% vol	±0.2% vol
CO sensor w/ Over Range protection NOx filter	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm 0 .. 40.0 ppm
		501 .. 8000 ppm	1 ppm	±5% measured value 40.1 .. 500.0 ppm
				±5% measured value 501 .. 2000 ppm
CO ₂	Calculated	0 .. 99.9% vol	0.1% vol	-
H ₂ S	Electrochemical	0 .. 5000 ppm	1 ppm	+/- 5 ppm 0 .. 100.0 ppm
				+/- 5% v.m 100.0 .. 500.0 ppm
				+/- 10% v.m 501 .. 5000 ppm
H ₂ S Low range	Electrochemical	0.. 500.0 ppm	0.1 ppm	±5 ppm
				±5% v.m.
Low NO	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm 0 .. 40.0 ppm
				±5% measured value 40.1 .. 500.0 ppm
Standard NO		501 .. 5000 ppm	1 ppm	±5% measured value 501 .. 5000 ppm
Low NO ₂	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm 0 .. 40.0 ppm
				±5% measured value 40.1 .. 500.0 ppm
Standard NO ₂		501 .. 1000 ppm	1 ppm	±5% measured value 501 .. 1000 ppm
Low SO ₂	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm 0 .. 40.0 ppm
				±5% measured value 40.1 .. 500.0 ppm
Standard SO ₂		501 .. 5000 ppm	1 ppm	±5% measured value 501 .. 5000 ppm
NOx	Calculated	-	-	-
NH3	Electrochemical	0 .. 500.0 ppm	0.1 ppm	±10 ppm 0 .. 100.0 ppm
				±10% 100.1 .. 500.0 ppm
CxHy (HC)	Pellistor	0 .. 5%	0.01 %	±5% full scale
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 inH ₂ O	0.004 inH ₂ O	±1% measured value -40.1 .. -0.81 inH ₂ O
				±0.08 inH ₂ O -0.80 .. +0.80 inH ₂ O
				±1% measured value +0.81 .. +80.4 inH ₂ O
Excess air	Calculated	0 .. 850%	1%	-
Efficiency	Calculated	0 .. 100%	0.1%	-
Warranty	2 years on Sensors and 2 years on Analyzer			

**Standard Probe Detail:**

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

Long Probe Detail:

- 30" (750mm) probe
- 1472 °F (800 °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

Hose Extention:

- 10' (3m) Length Available

Software Windows

- Remote display of real-time analysis from the portable analyzer and data saving
- Display and/or export and stored data
- Analyzer configuration

Model	Description
S6000-5DS	O ₂ , CO, NO/NO _x , NO ₂ & SO ₂ Gas Sensors
S6000-5DC	O ₂ , CO, NO/NO _x , NO ₂ & CxHy/HC Gas Sensors
S6000-5SC	O ₂ , CO, NO/NO _x , SO ₂ & CxHy/HC Gas Sensors
S6000-5SH	O ₂ , CO, NO/NO _x , SO ₂ & H ₂ S Gas Sensors
S6000-6DSC	O ₂ , CO, NO/NO _x , NO ₂ , SO ₂ & CxHy/HC Gas Sensors
S6000-6DSH	O ₂ , CO, NO/NO _x , NO ₂ , SO ₂ & H ₂ S Gas Sensors

(*) All models above are available also with: Low NO, Low NO₂, Low SO₂ - (**) Ammonia (NH₃) Available upon request on any Model