S6000
INDUSTRIAL / COMMERCIAL EMISSIONS ANALYZER

Fast / Easy / Robust / Accurate

- Built In Printer
- Up to 6 gas (O_2, CO, NO, NH_3, NO_2, CO_2, SO_2, CxHy (HC), H_2, H_2S, CH_4)
- Low NOx & Low SOx Capable
- True NOx (Low NO+NO2) Available
- Automatic data logging
- NOx & SOx in one Instrument
- Diluition 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

Bluetooth®

Seitron Smart Analysis

GET IT ON Google Play | Download on the App Store | EXPLORE IT ON AppGallery

Windows Software Seitron Smart Analysis

Windows 7 or later

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

Built-in Printer

Field Replaceable Sensors

Up to 6 Gas Sensors

Full Color Graphic Display

Mobile App - iOS, Android

SEITRON AMERICAS INC.
140 Terry Drive - Suite 101
Newtown, PA 18940 - USA
Phone (215) 660-9777 - Fax (215) 660-9770
info@seitronamericas.com - www.seitronamericas.com

seitron Americas

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 ±5% measured value	0 .. 40.0 ppm 40.1 .. 500.0 ppm
		501 .. 8000 ppm	1 ppm	±5% measured value ±10% measured value	501 .. 2000 ppm 2001 .. 8000 ppm
CO_2	Calculated	0 .. 99.9% vol	0.1% vol	-	
Low NO	Electrochemical	0 .. 500 ppm	0.1ppm	±2 ppm ±5% measured value	0 .. 40.0 ppm 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 ±5% measured value	0 .. 40.0 ppm 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 ±5% measured value	0 .. 40.0 ppm 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 ±10%	0 .. 100.0 ppm 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 ±0.08 inH$_2$O ±1% measured value	-40.1 .. -0.81 inH$_2$O -0.80 .. +0.80 inH$_2$O +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

Windows 7 or later

- 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	O2, CO, NO/NOx, NO2 & SO2 Gas Sensors
S6000-5DC	O2, CO, NO/NOx, NO2 & CxHy/HC Gas Sensors
S6000-5SC	O2, CO, NO/NOx, SO2 & CxHy/HC Gas Sensors
S6000-5SH	O2, CO, NO/NOx, SO2 & H2S Gas Sensors
S6000-6DSC	O2, CO, NO/NOx, NO2, SO2 & CxHy/HC Gas Sensors
S6000-6DSH	O2, CO, NO/NOx, NO2, SO2 & H2S Gas Sensors

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