



# S1500-P

## ALL IN ONE COMBUSTION ANALYZER

### Fast / Easy / Robust / Accurate

- Built In Printer
- O<sub>2</sub>, CO, CO<sub>2</sub>
- 15 Preprogrammed fuels (including #2 Oil, #4 Oil, #6 Oil, Natural gas, Propane, Biofuel, Wood, more)
- Full color display
- Smartphone Real Time + QRcode App (iOS, Android)
- Built in Pressure Manometer
- Draft/Pressure included
- CO Air free
- Dilution pump for CO Auto range up to 100,000 ppm
- Ambient CO monitoring
- CO Sensor protection
- Cracked Heat Exchanger Test
- PC Software Included
- High Altitude adjustment



Built-in printer



Field Replaceable Sensors



O<sub>2</sub>, CO, CO<sub>2</sub> Gas Sensors



Full color Graphic Display



Mobile App - iOS, Android



For all High Efficiency Condensing Systems



Seitron Smart Analysis



Windows Software  
Seitron Smart Analysis



### Features

- Combustion Efficiency, Losses, Excess Air
- CO sensor protection
- Draft & Differential Pressure
- Temperature Measurements
- Large Color Display
- 2000 Test Internal Memory
- Bluetooth Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose

**SEITRON AMERICAS INC.**

4622 E. Street Road  
 Trevoese, PA 19053 - USA  
 Phone (215) 660-9777 - Fax (215) 660-9770  
 info@seitronamericas.com - www.seitronamericas.com



MEASUREMENT	SENSOR	RANGE	RESOLUTION	ACCURACY
O <sub>2</sub> Long life	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
CO <sub>2</sub>	Calculated	0 .. 99.9% vol	0.1% vol	0 .. 40.0 ppm 40.1 .. 500.0 ppm
Air Temperature	TcK sensor	-4.0 .. 2282.0 °F -20.0 .. 1250.0 °C	32.18 °F 0.1 °C	±0.5 °C ±0.5%
Stack Temperature	TcK sensor	-4.0 .. 2282.0 °F -20.0 .. 1250.0 °C	32.18 °F 0.1 °C	±0.5 °C ±0.5%
Pressure (draft & differential)	Piezo Resistive	-40.1 .. +80.4 inH <sub>2</sub> O	0.004 inH <sub>2</sub> O	±1% measured value ±0.08 inH <sub>2</sub> O ±1% measured value
Differential Temperature	Calculated	32.0 .. 2282.0 °F 0 .. 1250.0 °C	0.1 °C	-40.1 .. -0.81 inH <sub>2</sub> O -0.80 .. +0.80 inH <sub>2</sub> O +0.81 .. +80.4 inH <sub>2</sub> O
Air Index	Calculated	0.00 .. 9.50	0.01	
Excess Air	Calculated	0 .. 850 %	1%	
Stack losses	Calculated	0.0 .. 100.0 %	0.1 %	
Efficiency	Calculated	0.0 .. 100.0 %	0.1 %	
Warranty	4 years on Sensors and 2 years on Analyzer			

**S1500-P Kits Include:**

- O<sub>2</sub>, CO, CO<sub>2</sub>
- 12" (300mm) probe
- 1112 °F (600 °C) max
- 5' (1.5m) Dual Hose
- Dual Tck for condensing systems
- Dual pressure manometer
- Longer & High Temperature Probes available
- Cracked Heat Exchanger Test Included
- Plug and Play Pre-Calibrated Field Replaceable Sensors
- 32 Programmed Fuels & Oils (Including Bio-Fuel)
- Metal Connection
- Hard carrying case
- Magnetic rubber holster
- Operation manual
- Calibration certificate
- Li-Ion Battery
- AC Charger
- AACKP02 Pressure Hoses



**Pressure Hoses**

Model	Description
S1500-P	All In One Kit= Analyzer w/ O <sub>2</sub> , CO, CO <sub>2</sub> , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 12" (300mm) Probe with 5' (1.5m) Dual hose, ABS Case, Calibration Certificate, Operating Manual, Cheat Sheet, Water Trap, Paper Roll, 2000 Internal Data Storage, PC Software, Bluetooth™ Connectivity, Differential Pressure Manometer Kit (1 Hose), Automatic Outdoor Air Temperature Saving for ALL 90%+ Systems & Condensing Systems for TRUE Efficiency Calculations + iOS and Android App Included
S1500-P-OIL	Standard S1500-P Kit plus Oil smoke pump, smoke filters and comparison chart