E6000

Hand-Held Versatile Gas Analyzer for Emissions Monitoring of Boiler, Engine, Furnace, and Other Combustion Applications

Six Gas Industrial Emissions Analyzer

Accurate

Reliable

Robust

Fast

CO_2

CO

O_2

NEW! Sample Conditioning Unit For Low NOx & SO_2

- Up To **SIX** Gas Sensors
- PC Software with Bluetooth
- Automatic Data Saving
- Total NOx Capable
- Low NOx & Low SO_2 Capable
- CO Sensor w/ NOx Filter
- Draft & Differential Pressure
- Combustion Efficiency
- Internal Memory (2000 Tests)
- Customizable Display Screen & Print-Out
- Pre-Calibrated, Field Replaceable Gas Sensors
- Dilution Pump For CO Auto-Range Measurements Up To 10%

NO
NOx
NO_2
SO_2
CxHy (HC)
H_2S

Smart App For

Phones & Tablets

❋ Bluetooth®

NEW Sample Conditioning Unit For Low NOx & Low SO_2 Applications

Full COLOR Graphic Display

BUILT-IN Printer

ANDROID APP ON Google play

E Instruments International   www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047

E6000 Features

E INSTRUMENTS ™

Built with Quality in Mind

Sample Conditioning Unit
For Low NOx & SO₂ Applications

Removes Moisture at the Probe For More Accurate Low NOx & SO₂ Measurements

High Temperature Probe & Sintered Filter Available

Parameter	Sensor	Range	Resolution	Accuracy
O_2	Electrochemical	0 - 25 %	0.1 %	±0.2 % vol
CO H₂ Compensated w/ Built-In NOx Filter	Electrochemical	0 - 8000 ppm	1 ppm	±8 ppm (0 - 200ppm) ±5 % rdg (201 - 2000ppm) ±10 % rdg (2001 - 8000ppm)
CO DILUTED	Electrochemical	0.8% - 10.00%	0.01%	±10% rdg
CO_2	Calculated	0 - 99.9%	0.1 %	
NO	Electrochemical	0 - 5000 ppm	1 ppm	±5 ppm (0 - 100 ppm) ±5% rdg (101 - 5000ppm)
NO_2	Electrochemical	0 - 1000 ppm	1 ppm	±5 ppm (0 - 100 ppm) ±5% rdg (101 - 1000ppm)
Low NO and/or Low NO_2	Electrochemical	0 - 100.0 ppm	0.1 ppm	±1.5 ppm (0.0 - 40.0ppm) ±5% rdg (40.1 - 100.0ppm)
NOx	Calculated	0 - 5000 ppm	1 ppm	
SO_2	Electrochemical	0 - 5000 ppm	1 ppm	±5 ppm (0 - 100ppm) ±5% rdg (101 - 5000ppm)
Low SO_2	Electrochemical	0 - 100.0 ppm	0.1 ppm	±1.5 ppm (0.0 - 40.0ppm) ±5% rdg (40.1 - 100.0ppm)
CxHy (HC)	Pellistor	0 - 5%	0.01%	±5% Full Scale
H_2S	Electrochemical	0 - 500 ppm	0.1 ppm	±5 ppm (0.0 - 125.0ppm) ±4% rdg (125.1 - 500.0ppm)
Tair	Pt100	-10 to 212 °F / -10 to 100 °C	0.1 °F / 0.1 °C	±1 °F / ±1 °C
Tgas	Tc K	-4 to 2280 °F / -20 to 1250 °C	0.1 °F / 0.1 °C	±0.5 °C (-20 to 100 °C) ±0.5% rdg (101 to 1250 °C)
Pressure/Draft	Semiconductor	±0 - 80 inH₂O	0.001 inH₂O	±1.0% rdg
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	

Probes & Hoses

Standard: 12", 300mm Probe, 1470°F/800°C max with 10'/3m Dual Hose

Long: 30", 750mm Probe, 1470°F/800°C max with 10'/3m Dual Hose

Long & High Temp: 40", 1m Probe, 2190°F/1200°C max, with 10'/3m Hose

Hose Extensions: 10'/3m Length Available

All E6000 Kits Include:

- Built-In Printer
- CO Dilution Auto-Range to 10%
- Draft & Differential Pressure
- Temperature Measurements
- Calculation for CO₂, Efficiency & Excess Air
- Rechargeable Batteries & AC Charger
- Gas Sampling Probe & Hoses
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- 2000 Test Internal Memory
- PC Software & USB Cable
- Bluetooth Module (Internal)
- Operating Manual
- Calibration Certificate
- ABS Hard Plastic Carrying Case
- Android Smart Phone App

Ordering Information

Model No.	Description
E6000-5DS	E6000 with O₂, CO, NO, NO₂, SO₂ Gas Sensors Installed, **Upgradeable** to 6th Gas Sensor*
E6000-5DC	E6000 with O₂, CO, NO, NO₂, CxHy(HC) Gas Sensors Installed, **Upgradeable** to 6th Gas Sensor*
E6000-5SC	E6000 with O₂, CO, NO, SO₂, CxHy(HC) Gas Sensors Installed, **Upgradeable** to 6th Gas Sensor*
E6000-5SH	E6000 with O₂, CO, NO, SO₂, H₂S Gas Sensors Installed, **Upgradeable** to 6th Gas Sensor*
E6000-6DSH	E6000 with O₂, CO, NO, NO₂, SO₂, H₂S Gas Sensors Installed*
E6000-6DSC	E6000 with O₂, CO, NO, NO₂, SO₂, CxHy(HC) Gas Sensors Installed*

*All Configurations Available With Low NO, Low NO₂, and/or Low SO₂ Sensors

E Instruments International

www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047

CE