Chemist 600



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

Built with Quality in Mind

Six Gas Industrial Emissions Analyzer

Accurate CO₂ Reliable **Up To SIX Gas Sensors** Robust PC Software with Bluetooth **Automatic Data Saving Fast** NO Total NOx Capable Low NOx & Low SO₂ Capable NOx CO Sensor w/ NOx Filter NO₂ **Draft & Differential Pressure** 502 Combustion Efficiency CxHy (HC) Internal Memory (2000 Tests) H₂S Customizable Display Screen & Print-Out Pre-Calibrated, Field Replaceable **Smart App For** Gas Sensors Dilution Pump For CO Auto-Range Bluetooth' Measurements Up To 10% **NEW Sample Conditioning Unit For** Low NOx & Low SO₂ Applications **Phones & Tablets**

Full COLOR Graphic Display

BUILT-IN Printer



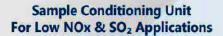
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Features



Built with Quality in Mind

High Temperature Probe & Sintered Filter Available



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

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)
CO ₂	NDIR	0-20% or 0-50%	0.1%	±3% rdg
CxHy (HC)	Pellistor	0 - 5%	0.01%	±5% Full Scale
H ₂ S	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	0.1 °F	±1°F
		-10 to 100 °C	0.1 °C	±1°C
Tgas	Tc K	-4 to 2280 °F	0.1 °F	±0.5 °C (-20 to 100 °C)
		-20 to 1250 °C	0.1 °C	±0.5% rdg (101 to 1250 °C)
Pressure/Draft	Semiconductor	±0 - 80 inH ₂ O	0.001 inH ₂ O	±1.0% rdg
Excess Air	Calculated	0 - 850%	1%	
Efficiency	Calculated	0 - 100%	0.1 %	

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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 600 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 Tran with Filter Cartridge
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- 2000 Test Internal Memory
- PC Software & USB Cable
- Bluetooth Module (Internal)
 Operating Manual
- Operating Manual
- Calibration Certificate
- ABS Hard Plastic Carrying Case