

Chemist 600

seitron

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

Reliable

Robust

Fast

CO₂

CO ● Up To SIX Gas Sensors

● PC Software with Bluetooth

O₂ ● Automatic Data Saving

● Total NO_x Capable

● Low NO_x & Low SO₂ Capable

● CO Sensor w/ NO_x 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%

Bluetooth



NO
NO_x
NO₂
SO₂
CxHy
(HC)
H₂S

Smart App For



Phones & Tablets

NEW Sample Conditioning Unit For
Low NO_x & Low SO₂ Applications


Full COLOR Graphic Display

BUILT-IN Printer



Chemist 600

Features



Built with Quality in Mind

Sample Conditioning Unit For Low NO_x & SO₂ Applications

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

High Temperature Probe & Sintered Filter Available

Parameter	Sensor	Range	Resolution	Accuracy
O ₂	Electrochemical	0 - 25 %	0.1 %	±0.2 % vol
CO H ₂ Compensated w/ Built-In NO _x 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)
NO _x	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 -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 inH ₂ O	0.001 inH ₂ O	±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 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 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

ARV INSTRUMENTS PVT. LTD.

B-7,WA-107/121, ROHINI COMPLEX
SHAKARPUR, DELHI - 110092
Contact: +91-9717284556 / 9717434275, Tel: +91-11-4324544
E-mail: arvindiainfo@yahoo.com / arvdelhi@yahoo.com