

# CO Series %CO

## Exhaust Gas Analyzers

### Series 2000 and 2500 (with printer)

Put the power of a gas analyzer in the palm of your hand with a new CO Series 2000 or 2500 Exhaust Gas Analyzer from Blanke Industries. These portable analyzers use a revolutionary new electrochemical sensor that is smaller and more affordable than traditional chemical and infrared sensors. The analyzers are fast, accurate and easy to use.

The instruments are designed to check CO emissions from any internal combustion engine. They can be used on engines powered by gasoline, propane, natural gas and even diesel fuel. Monitoring exhaust emissions is not only important to help control pollutants, it also helps maintain optimum fuel efficiency and extend engine life. These tools will quickly determine the general health of an engine. With a CO Series 2000 or 2500, any engine can be properly tested and repaired to assure ideal engine performance.

### Key Features

- Portable, hand-held instrument
- Rechargeable printer (Series 2500 only)
- Record test results (Series 2500 only)
- Fast response time
- Powered by rechargeable batteries
- Measures CO concentrations up to 10%
- Display shows resolution down to 0.01%
- Large, easy to read, backlit display
- Low battery indicators
- Instant "on" capability, no warm-up time
- Simple, push-button controls
- Internal pump and sensor
- Protective storage case
- Durable, impact resistant enclosure

### Applications

- Automobiles
- Motorcycles/ATVs
- Snowmobiles
- Marine/Boats
- Forklifts
- Floor Sweepers/Scrubbers
- Personnel/Burden Carriers
- Generators



# CO Series 2000 & 2500 Exhaust Gas Analyzers

## Specifications

<b>General:</b>	
Batteries	Rechargeable NiCad
Typical battery life	Over 12 hours of continuous use <sup>(1)(2)</sup>
Start-up time	Instant "on", no warm-up
Construction	Rugged, fuel and oil resistant, ABS plastic
Sample flow rate	Approximately 72 in <sup>3</sup> /min (1180 ml/min)
Operating temperature	35 to 104°F (2 to 40°C)
Storage temperature	10 to 122°F (-10 to 50°C)
Humidity range	10-90% (non-condensing)
User calibration	Monthly or as needed
<b>CO:</b>	
Sensor type	Electrochemical
Sensor life	Typically 3-5 years
Range	0-10%
Resolution	0.01%
Response time	Less than 10 seconds to 90% of full scale
Accuracy	±5% of reading <sup>(3)</sup>
Repeatability	±5% of reading <sup>(3)</sup>
<b>Physical:</b>	
Dimensions	9.3" L x 5.2" W x 1.8" H
Weight	2.40 pounds (1.09 kg)
Display	3½ digit LCD, ¾" digit height, backlit
Probe(s)	12" flexible steel, ½" O.D. & ¼" O.D.
Sample hose	10' length x ¼" O.D.
2 stage filter	75 micron particle, 5 micron oil removal

<sup>(1)</sup> Typical battery life is based on proper charge/discharge practices.

<sup>(2)</sup> Using the backlight feature will reduce the typical battery life.

<sup>(3)</sup> Analyzer will meet accuracy and repeatability specifications when zero and span calibrated in the environment of use.

All specifications and features are subject to change without notice.

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## Ordering Information

### Exhaust Gas Analyzers

#### CO Series 2000:

Includes CO analyzer, 10' exhaust sample hose with flexible probe (½" O.D.), narrow flexible probe (¼" O.D.), water separator w/ 2 stage filter, replacement filters (1 set), 110 VAC adapter/charger and protective storage case

#### CO Series 2500:

Includes CO analyzer, thermal printer, thermal paper (2 rolls), 10' exhaust sample hose with flexible probe (½" O.D.), narrow flexible probe (¼" O.D.), water separator w/ 2 stage filter, replacement filters (1 set), 110 VAC adapter/chargers and protective storage case

### Optional Accessories

Customized printout (printer upgrade), **No. CP-100**  
 Calibration kit (without calibration gas), **No. CK-050**  
 Calibration gas cylinder (1.0% CO), **No. CG-010**  
 Calibration gas cylinder (4.0% CO), **No. CG-040**



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