

CO Series

Exhaust Gas Analyzers

%CO

Series 1000 and 1500

Blanke Industries can put the power of a gas analyzer in the palm of your hand, without taking a big chunk out of your wallet. Introducing the CO Series 1000 and 1500 Exhaust Gas Analyzers, a new benchmark in tune-up technology. The analyzers are dependable, accurate and easy to use. Best of all, they are very affordable.

These instruments are designed to check CO emissions from any internal combustion engine powered by gasoline, propane, natural gas and even diesel fuel. They each provide a cost effective method for measuring exhaust emissions to help control pollutants. The analyzers are also powerful tools for maintaining optimum fuel efficiency and extending engine life. With a CO Series 1000 or 1500, any engine can be properly tested and repaired to assure ideal engine performance.

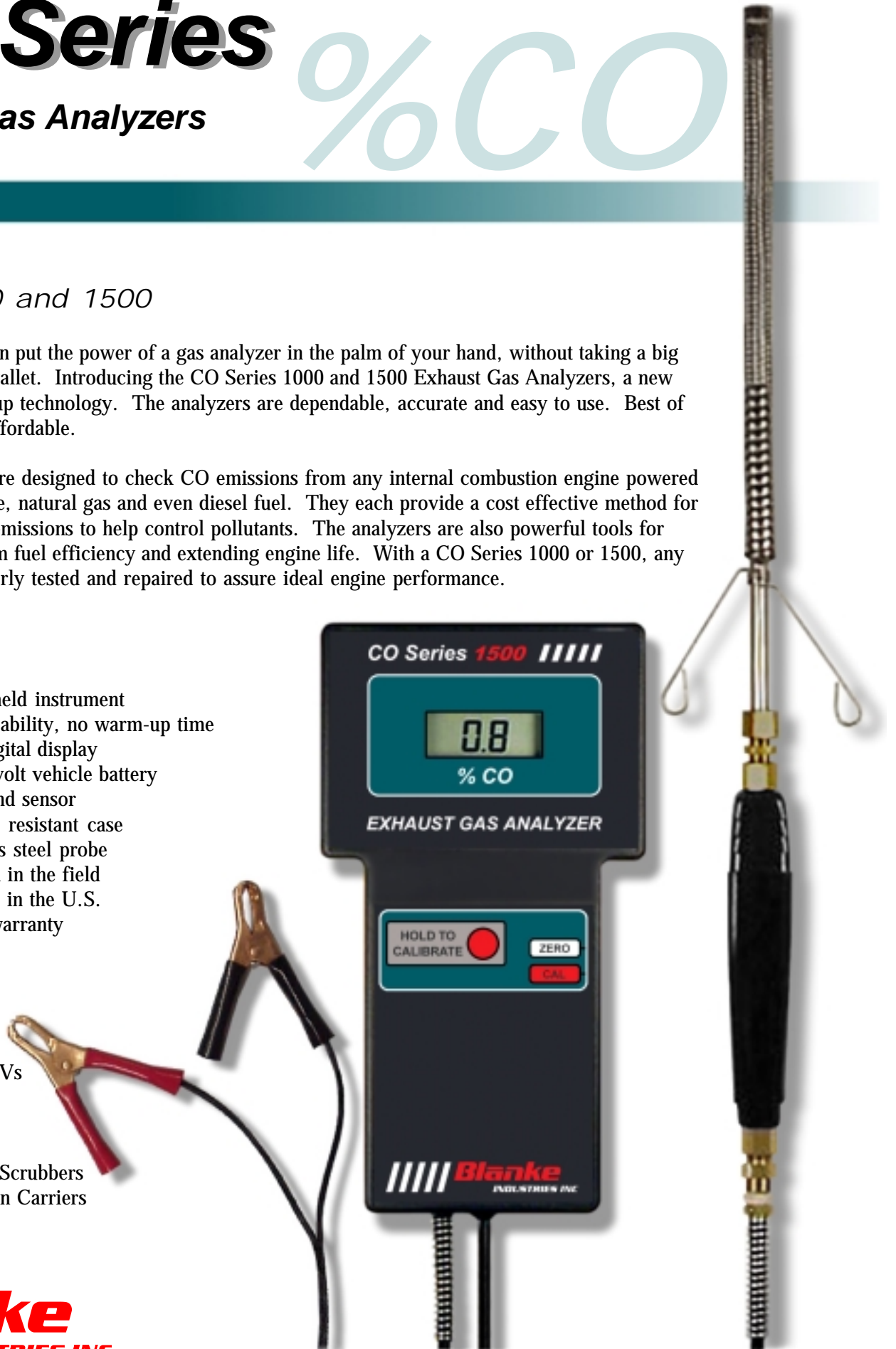
Key Features

- Portable, hand-held instrument
- Instant "on" capability, no warm-up time
- Easy to read, digital display
- Powered by 12 volt vehicle battery
- Internal pump and sensor
- Durable, impact resistant case
- Flexible stainless steel probe
- Easily calibrated in the field
- Made with pride in the U.S.
- 1 year limited warranty

Applications

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

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CO Series 1000 & 1500 Exhaust Gas Analyzers

Specifications Series 1000 Series 1500

General:		
Power	12 volts DC (external)	Same
Start-up time	Instant "on", no warm-up	Same
Construction	Rugged, ABS plastic	Same
Sample flow rate	~72 in ³ /min (1180 ml/min)	Same
Operating temperature	35 to 104°F (2 to 40°C)	Same
Storage temperature	10 to 122°F (-10 to 50°C)	Same
Humidity range	10-90% (non-condensing)	Same
User calibration	Monthly or as needed	Same
CO:		
Sensor type	Electrochemical	Same
Sensor life	Typically 1-2 years	Typically 3-5 years
Range	0-4%	0-10%
Resolution	0.1%	Same
Response time (90%)	Less than 30 seconds	Less than 10 seconds
Accuracy	±10% of reading ⁽¹⁾	±5% of reading ⁽¹⁾
Repeatability	±10% of reading ⁽¹⁾	±5% of reading ⁽¹⁾
Physical:		
Dimensions	9.2" L x 5.1" W x 1.2" H	Same
Weight	1.86 pounds (0.84 kg)	Same
Display	3½ digit LCD, ½" height	Same
Power cable	6' L with battery clamps	Same
Probe(s)	12" flexible steel, ½" O.D.	12" flexible, ½" & ¼" O.D.
Sample hose	10' L x ¼" O.D.	Same
Particle filter	30 micron nylon screen	Same

⁽¹⁾ 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 1000:

Includes CO analyzer, 10' exhaust sample hose with flexible probe (½" O.D.), 6' power cable with battery clamps

CO Series 1500:

Includes CO analyzer, 10' exhaust sample hose with flexible probe (½" O.D.), narrow flexible probe (¼" O.D.), 6' power cable with battery clamps and protective storage case

Optional Accessories

- 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**
- Protective storage case, **No. SC-100**
- 12" Narrow flexible probe (¼" O.D.), **No. FP-025**
- Water separator w/ 2 stage filter, **No. WS-755**

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