

PORTABLE AC/DC INFRARED CARBON DIOXIDE ANALYZER

GD-888 SERIES

FEATURES

- DIGITAL DISPLAY OF CARBON DIOXIDE UP TO 10,000 PPM (1%), 10%, OR 100% VOLUME
- PORTABLE SIZE - FITS IN YOUR PALM
- BATTERY CHARGER ALSO PROVIDES AC POWER
- BUILT-IN AIR PUMP FOR FAST RESPONSE
- OPTIONAL DATALOGGER
- ADJUSTABLE AUDIO ALARM
- LIGHTWEIGHT - LESS THAN TWO POUNDS
- SIMPLE PUSH BUTTON OPERATION
- BACKLIGHT, RECORDER OUTPUT, OPTIONAL RELAY



The **GD-888 SERIES** is a family of Infrared Carbon Dioxide gas analyzers that use the latest state-of-the-art non-dispersive infrared technology. Rechargeable batteries allow for several hours of portable operation between charges. The GD-888 SERIES puts CO₂ detection in the palm of your hand.

The **GD-888/1%** (Standard Range) monitors up to 10,000 ppm (1%) while the **GD-888/10%** (Extended Range) monitors up to 10% of Carbon Dioxide. If higher levels of CO₂ need to be measured, the **GD-888/100%** (High Level) monitors up to 100%.

All models come equipped with a backlit LCD display, built-in air pump, push button controls, recorder output, adjustable alarm, and a battery charger that is also the continuous AC power supply. The optional **datalogger** can store up to 40,000 readings along with time and date. Other optional accessories include a hard carrying case, leather instrument case with carry straps, recorder cable, and calibration kits and gases.



CEA Instruments, Inc.

"EXPERTS IN TOXIC GAS DETECTION"

GD-888 SPECIFICATIONS

<u>MODEL</u>	<u>CARBON DIOXIDE RANGES</u>
GD-888/1%	STANDARD RANGE - 0 to 10,000 ppm (1%)
GD-888/10%	EXTENDED RANGE - 0 to 10,000 ppm and then 1.00% to 9.90%
GD-888/100%	HIGH LEVEL RANGE - 0.0% to 99.9%
MEASURING PRINCIPLE	Carbon Dioxide - Non-dispersive Infrared Technology (NDIR)
DISPLAY	LCD - push-button operated backlight
INDICATION	Continuous - instantaneous concentration
SAMPLING METHOD	Built-in pump (approximately 200 ml/min), push button controlled
RESPONSE TIME	Typically 20 seconds to 90% of full scale
ACCURACY	+/-5% of Reading
ALARMS	User adjustable audible alarm
DATALOGGER	Stores up to 40,000 readings with easy to use Windows software
OPERATING TEMP.	50° - 104°F (10° - 40°C)
OPERATING HUMIDITY	0 - 90% RH, non-condensing
RECORDER OUTPUT	0 - 1 VDC linear or Optional 4-20 mA (if specified)
RELAY	8A at 220 VAC/normally open or normally closed
POWER SUPPLY	Ni-Cad rechargeable batteries (Charger also provides AC power)
OPERATING TIME	Approximately 4 to 6 hours continuous with fast charging time
WEIGHT	About three (3) pounds
DIMENSIONS	7.5" H x 3.9" W x 3.0" D

(Specifications subject to change without notice.)



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GD-888 SERIES PRICE LIST

Hand held, portable, continuous infrared Carbon Dioxide (CO₂) gas monitor. Complete with 110 VAC battery charger / AC power supply, built-in air pump, digital display, 0-1 VDC recorder output, adjustable alarm, and operation manual.

<u>MODEL</u>	<u>DESCRIPTION</u>	<u>PRICE</u>
GD-888/1%	STANDARD RANGE - 0 to 10,000 ppm (1%)	\$ 1,995.00
GD-888/10%	EXTENDED RANGE - 0 to 10,000 ppm and then 1.00% to 9.90%	\$ 2,495.00
GD-888/100%	HIGH LEVEL - 0.0% to 99.9%	\$ 2,995.00

SPARE PARTS AND OPTIONS DESCRIPTION

PRICE

Datalogger with PC Windows Software and Communication Cables (GD-888 and PC)	\$ 300.00
Hard Carrying Case for Unit and Accessories	\$ 150.00
Instrument Case with Strap for Unit	\$ 150.00
Recorder Output Cable	\$ 75.00
Spare Datalogger to GD-888 Communication Cable	\$ 75.00
Spare Datalogger to PC Computer Communication Cable	\$ 25.00
Spare Combined Battery Charger / AC Power Supply	\$ 75.00
Internal Hydrophobic Filter	\$ 25.00
External Hydrophobic Filter	\$ 25.00
Replacement Battery Pack	\$ 200.00
Spare Collar Clip	\$ 10.00
Display Overlay with Protective Window and Buttons	\$ 25.00
Calibration Kit - One Cylinder (105L) Carbon Dioxide Span Gas, Special Preset 0.2 L/Min Regulator, and Carrying Case With Tubing	\$ 425.00