

Carbon monoxide

# CO METER

Model : GCO-2008

ISO-9001, CE, IEC1010



Carrying case



**NDTKALA<sup>®</sup>.CO**  
Non-Destructive Test (NDT) Equipment



تامین تجهیزات و مواد مصرفی تست های غیر مخرب ایران

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**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# CO METER

Model : GCO-2008

## FEATURES

* Two function : CO ( Carbon monoxide ), Temperature.
* CO range : 0 to 1,000 ppm x 1 ppm.
* Temperature. : 0 to 50 °C, °C/°F
* CO measurement with fast response time.
* High repeatability and high accuracy.
* stand-alone device, easy to carryout and operation.
* CO function with alarm setting.
* Large S-TN LCD, high contrast, easy readout.
* Data hold function for freezing the desired value on display.
* Records Maximum and Minimum readings with Recall.
* RS232/USB computer interface.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Heavy duty & compact housing with hard carrying case, designed for easy carry out & operation.
* Auto shut off is available to save battery life.
* Power supply from batteries or DC 9V adapter in.

## GENERAL SPECIFICATIONS

Circuit	Custom one-chip of microprocessor LSI circuit.	
Display	LCD size : 52 mm x 38 mm dual function LCD display.	
Measurement	CO( Carbon dioxide ), Temperature	
Unit	CO	ppm
	Temp.	°C, °F
Temperature Compensation	Automatic temp. compensation for CO measurement.	
Advanced Setting	Auto power off enable/disable setting	
	°C/°F setting CO alarm value setting	
Alarm Setting	For CO measurement only.	
Sensor Type	CO : Electrochemical	
	Temperature : Thermister	
Data Hold	Freeze the display reading.	
Memory Recall	Maximum & Minimum value.	
Display Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life or manual off by push button.	

Zero	Build in zero button for offsetting the zero value
Data Output	RS 232/USB PC serial interface. * Connect the optional RS232 cable UPCB-02 will get the RS232 plug. * Connect the optional USB cable USB-01 will get the USB plug.
Operating Temperature	0 to 50 °C .
Operating Humidity	Less than 85% R.H.
Power Supply	DC 1.5 V battery ( UM4, AAA ) x 6 PCs, Alkaline/heavy duty type or equivalent.
Power Current	Approx. DC 5.6 mA.
Weight	336 g/0.74 LB. @ Battery is included.
Dimension	210 x 68 x 42 mm (8.3 x 2.7x 1.2 inch)
Accessories Included	Instruction manual..... 1 PC Soft carrying case ( CA-05A )..... 1 PC
Optional Accessories	RS232 cable, UPCB-02 USB cable, USB-01 Data Acquisition software, SW-U801-WIN

## ELECTRICAL SPECIFICATIONS (23± 5 °C)

### CO ( Carbon dioxide )

CO * Carbon monoxide	Range	0 to 1,000 PPM
	Resolution	1 ppm
	Accuracy	± ( 5% + 2 PPM )
	Response time *	< 30 seconds
	Repeatability	< 2%
	Zero drift in long term	< 5 PPM
	Sensitivity drift	< 5% per year
	* The response time value is specified to reach the 90% reading value.	

### Temperature

Temperature	Range	0 °C to 50 °C, 32 °F to 122 °F.	
	Resolution	0.1 degree.	
	Accuracy	°C	± 0.8 °C
		°F	± 1.5 °F.