Carbon monooxide

CO METER

Model : GCO-2008   *ISO-9001, CE, IEC1010*

CO
100 RPM
25.0 ℃

CO METER
Cabon monoxide + Temp.
Lutron GCO-2008

Carrying case

LUTRON ELECTRONIC

The Art of Measurement

Carbon monoxide 0 to 1000 PPM, Temp.

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 ℃,℃/℉	
∗ 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. — ℃, ℉
Temperature Compensation	Automatic temp. compensation for CO measurement.
Advanced Setting	Auto power off enable/disable setting ℃/℉ 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 ℃.
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 ℃)

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 ℃ to 50 ℃,32 ℉ to 122 ℉.	
	Resolution	0.1 degree.	
	Accuracy	℃	± 0.8 ℃
		℉	± 1.5 ℉.