

Carbon monoxide

CO METER

Model : GCO-2008

ISO-9001, CE, IEC1010



Carrying case



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

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|--------------------------|----------------------------------------------------------------------------------|
| 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. |

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-52A)..... 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)

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|--------------------------|------------------------------------------------------------------------|------------------|
| CO2 * 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. |