



# DT-802D

## CARBON DI-OXIDE METER WITH DATA LOGGER

### Safety Marking:

**CE** Comply with European CE safety standards

### INTRODUCTION

The Carbon Dioxide (CO<sub>2</sub>) Monitor is designed for air quality control and health control by measuring Carbon Dioxide (CO<sub>2</sub>) level in areas where it needs to be monitored, such as factories, schools, offices, transportation lines and so on.

The measured CO<sub>2</sub> value in ppm (parts-per-million) will be displayed on the LCD with three states indication: Good (0 to 800 ppm), Normal (800 to 1200 ppm), Poor (>1200ppm). An acoustic alarm sounds when then CO<sub>2</sub> level is exceeding the define level. It can store upto 32000 Data.

### SPECIFICATIONS

- Sensing Method : NDIR (non-dispersive infrared) CO<sub>2</sub> sensor
- Measurement Ranges : 0 to 9,999ppm CO<sub>2</sub> sensor
- Resolution : 1ppm
- CO<sub>2</sub> Accuracy : ±75 ppm ±5% of reading
- Temperature : -5°C to 50°C (23°F to 122°F)
- Resolution : 0.1°C/°F
- Temperature Accuracy : ±1°C
- Humidity : 0.1 to 90%RH
- Resolution : 0.1%RH
- Humidity Accuracy : ±5%
- Display : Date and Time
- Max/Min CO<sub>2</sub> value display function
- Data Record Function
- Sampling Interval : 2 seconds
- Overload Instructions : "OL"
- Power Adapter : Input AC 110V~220V Output DC 6.0V
- Rechargeable Battery : 3.7V 1000mA
- Operating Environment : -5°C to 50°C (23°F to 122°F) at <90%RH
- Storage Temperature : -5°C to 50°C (23°F to 122°F) at <90%RH



### INCLUDED ACCESSORIES

Instruction Manual, Battery, USB PC Cable, Software, Test Report

[www.cem-india.com](http://www.cem-india.com) / [www.cem-instruments.in](http://www.cem-instruments.in)