

## SD800 CO<sub>2</sub>/Humidity/ Temperature Datalogger



Monitor air quality in schools, office buildings, greenhouses, hospitals and anywhere that high levels of carbon dioxide are generated using the Extech SD800. The multifunction air quality datalogger records Carbon Dioxide (CO<sub>2</sub>), Humidity, and Temperature on an SD card in Excel® format with date and time stamp. This allows easy data transfer to a PC for data analysis.



Patent Pending

### Features

- Checks for Carbon Dioxide (CO<sub>2</sub>) concentrations
- Maintenance free dual wavelength NDIR (non-dispersive infrared) CO<sub>2</sub> sensor
- Triple LCD simultaneously displays CO<sub>2</sub>, Temperature and Relative Humidity
- Measurement ranges:
  - CO<sub>2</sub>: 0 to 4,000ppm
  - Temperature: 32 to 122°F (0 to 50°C)
  - Humidity: 10 to 90%RH
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Selectable data sampling rate: 5, 10, 30, 60, 120, 300, 600 seconds or Auto
- Includes sensor with 11.4" (29cm) cable, (6) AAA batteries, SD memory card, Universal AC adaptor, and mounting bracket

*NOTE: AC adaptor required for operation.*

Specifications	Range	Max Resolution	Basic Accuracy
Carbon (CO <sub>2</sub> )	0 to 4,000ppm	1ppm	±40ppm (<1000ppm); ±5% rdg (>1000ppm)
Temperature	32 to 122°F (0 to 50°C)	0.1°F/°C	±1.8°F/0.8°C
Humidity	10 to 90%RH	0.1%RH	±4%RH
Datalogging	using included SD memory card		
Dimensions	5.2 x 3.1 x 1.3" (132 x 80 x 32mm)		
Weight	9.9oz (282g)		

### Ordering

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