Carbon Monoxide Monitor and Data Logger

AQM-103

CE

AQM-103 shown
smaller than actual size.

- Large LCD Displays CO Level, Temperature, Date and Time
- Programmable High Alarm
- Audible/Visible LED Warning for High CO Concentration

The AQM-103 is designed to measure CO concentration and air temperature with visible and audible alarms. This CO monitor is an ideal instrument for indoor air quality (IAQ) diagnosis and HVAC system performance verification.

CO is a common byproduct of the combustion of fossil fuels. Carbon monoxide or CO is a colorless, odorless and tasteless gas. Due to this fact, it is very hard to detect the presence of CO in your environment. It is, however, imperative that the CO levels are carefully monitored. Even at relatively low levels, CO is poisonous because it rapidly accumulates in the blood thereby depleting its ability to carry oxygen. Extreme cases of CO poisoning result in death.

For healthy adults CO becomes toxic when it reaches a level higher than 30 ppm (parts per million) with continuous exposure over an eight hour period.

SPECIFICATIONS

Carbon Monoxide

   Measurement Range: 0 to 999 ppm

   Accuracy: ±5% of rdg or ±10 ppm whichever is greater

   Resolution: 1 ppm

Temperature

   Range: 0 to 50ºC (32 to 122ºF)

   Accuracy: ±0.6ºC (1.2ºF)

   Resolution: 0.1ºC (0.1ºF)

Memory Capacity: 32000 readings

Storage Temperature: -40 to 70ºC (-40 to 158ºF)

Interface: USB

Dimensions: 110 H x 108 W x 28 mm D (4.33 x 4.25 x 1.10")

Weight: 165 g (5.8 oz)

Model No.	Description
AQM-103	CO, RH and temperature monitor and data logger
AQM-100-PW	AC adaptor (optional)

Comes complete with 4 "AAA" batteries, USB cable and operator's manual, AC adaptor and software CD.
Local regulatory exposure limits will vary.