

H11-001

## HOBO Carbon Monoxide Data Logger



Discontinued

The HOBO Carbon Monoxide Data Logger monitors carbon monoxide (CO) levels in areas such as garages, terminals, loading docks, construction sites, furnace rooms, office buildings and living areas. Convenient battery operation eliminates the need to run wires for AC power, making it easy to deploy the HOBO CO data logger at various potential hot spots.

### Important Information

HOBO data loggers require HOBOWare software (USB interface cable included w/CD purchase) and a communications device. See compatible items below.



Compatible with  
**HOBOWare<sup>®</sup> Software**

### Features

- Monitors and records indoor CO levels
- Battery operated, no wiring required (wall or ceiling mount)
- Three range settings for optimized accuracy and resolution
- Readout and launch with optional shuttle

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
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Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

## HOBO Carbon Monoxide Data Logger (H11-001) Specifications

Logger ranges:

Channel	Nominal range	Actual range
1	0 - 125 ppm	0.2 - 124.3 ppm
2	0 - 500 ppm	1 - 497.1 ppm
3	0 - 2000 ppm	4 - 1988 ppm

Resolution/Accuracy ranges:

Channel	Resolution	Maximum Error (20°C)	Typical Accuracy (20°C)
1	0.5 ppm	±10.5 ppm ±12% of reading	±4.5 ppm ±7% of reading
2	2 ppm	±12 ppm ±12% of reading	±6 ppm ±7% of reading
3	8 ppm	±18 ppm ±12% of reading	±12 ppm ±7% of reading

Number of measurements: 32,520 maximum

Response time for 90% change: <11 minutes typical (dependent upon installation location and orientation)

Time accuracy: ±1 minute per week (100 ppm at +68°F or +20°C)

Operating temperature range: +32°F to +104°F (0°C to +40°C)

Storage temperature: -40°F to +158°F (-40°C to +70°C)

Operating humidity range: 10% to 95% RH, non-condensing

Operating pressure range: 1 Atmosphere ±10%

Cross Gas Interferences: Conforms to UL2034

Size: 5.7" H x 2.6" W x 1.6" D (144 mm x 66 mm x 40 mm)

Weight: 0.29 lbs (0.13 kilograms)

Battery: CR-2032 lithium, user replaceable

Battery life: In normal applications the battery should last one year. In circumstances where the ambient CO concentration averages 10 ppm or more, the battery life will be shorter:

Average concentration Battery life

10 ppm 10 months

100 ppm 6 months

1000 ppm 2 months

Expected life of sensor: five years

(Yearly verification is recommended for critical applications.)