

SensorLynx™ IAQLynk

Indoor Air Quality Environmental Monitoring System

SensorLynx is a revolutionary monitoring system which measures a variety of workplace hazards with one common system. This versatile monitor can be expanded by linking from one to ten application-specific modules via snap-on or cable (for remote monitoring).

The IAQLynk monitors indoor air quality parameters such as Carbon Dioxide (CO₂), Relative Humidity (RH), Temperature and optional Carbon Monoxide (CO). These measurements help monitor the environment to assure the comfort and safety of a work area and/or building. Calculations are based on ASHRAE/ANSI Ventilation for Acceptable Indoor Air Quality Standards documents.



Features

- Direct reading of CO, CO₂, RH and temperature
- Average STEL on all readings
- Time-weighted mean on all readings
- Audible and visual alarms
- Flexible plug and play expandable design
- Hand held
- Common software and datalogging
- Real time measurements on monitor
- Live real time measurements via PC
- Remote monitoring via cable up to 1000 ft.
- Easy to operate
- 2-year limited warranty

SensorLynx™

Specifications

Mechanical

Dimensions	2.8" x 7.9" x 3.3"
Weight	1.46 lbs. (0.66 kg)
Housing	Rugged, compact ABS polycarbonate alloy
Alarms	Both audible and visual
Display	80-digit LCD/low temperature

Range

Operating Temperature	32°F to 113°F (0°C to 45°C)
Storage Temperature	32°F to 113°F (0°C to 45°C)
Operating Humidity	10 - 95% R.H.

Battery Life

Rechargeable 2,700mAh Ni-MH battery gives 25 hours of continuous operation when fully charged. Charger plugs into monitor. Unit may also be powered by an AC plug adapter.

PC Software and Datalogging

- DataLynk Software communicates with the BaseLynk to download, view, graph, manipulate and store measurement data from all SensorLynx modules attached.
- Data can be logged at preselected intervals of 30 seconds up to over 23 hours. The maximum data record count is 14,336 records. Battery backup feature secures data.
- PC software is compatible with Windows® 95, 98, 2000 and NT.

Sensors

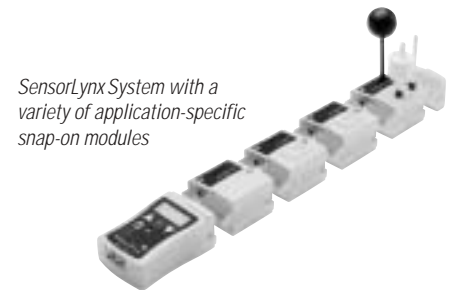
Sensor	Sensor Type	Operating Range	Accuracy	Resolution	Response Time
Carbon Dioxide	Non-Dispersive Infrared (NDIR)	0 to 4000 ppm	5% of reading or ± 50ppm	1ppm	T90 < 60 seconds
Temperature	High Sensitivity Thermistor	32° to 122°F (0° to 50°C)	± 0.5°C	0.1F (0.1C)	T90 < 60 seconds
Relative Humidity	Thermoset Polymer Capacitive	10 to 95% R.H.	± 5% R.H.	1%	T90 < 60 seconds
Carbon Monoxide	Electrochemical	0 to 350 ppm	± 3ppm CO	1ppm	T90 < 60 seconds

Included with IAQLynk Kit

- BaseLynk with battery pack, RS232 data cable, power adapter/charger
- IAQLynk with Carbon Dioxide, Relative Humidity, Temperature and optional Carbon Monoxide sensors
- Carry case and calibration tubing
- Datalogging software
- Operator's manual
- Certificate of Calibration

IAQLynk Kit Options

IAQ without CO	Part No. SL-K1001
IAQ with CO	Part No. SL-K1008



SensorLynx System with a variety of application-specific snap-on modules

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