

# You Can Stop Carbon Monoxide Poisoning



**The SAM Safe Air Monitor** protects equipment operators against carbon monoxide (CO) poisoning, a leading cause of workplace injury and death among industrial workforces according to the Occupational Safety and Health Administration. SAM protects operators of forklifts, floor polishers, and other industrial equipment against CO poisoning by mounting to these applications and monitoring the surrounding air quality to alert workers of unsafe conditions.

SAM utilizes state of the art electrochemical sensor technology to calculate CO concentrations and alert equipment operators if CO levels exceed OSHA exposure limits. If unsafe air quality conditions exist, SAM will sound an alarm and if CO remains at unsafe levels, SAM automatically shuts down equipment to prevent poisoning. SAM also displays and records engine hours, RPMs, service intervals, and air-fuel-ratios. Data is logged on the device and transmitted to a SAM application via Bluetooth for analysis.

SPECIFICATIONS	
SIZE	4.2" x 2.78" x 1.5"
WEIGHT	16 OUNCES
ELECTRICAL	12 VOLT
ENCLOSURE	HEAVY DUTY SEALED, MOUNTING HOLES
CO SENSOR	ELECTROCHEMICAL, +/- 5PPM
AFR SENSOR	NARROWBAND OXYGEN SENSOR
HOUR METER	INDUCTIVE, 0-9999 HOURS IN 1/10 <sup>TH</sup> HOURS
TACHOMETER	INDUCTIVE, 0-5000 RPM
SCREEN	HIGH CONTRAST 20X4 LCD
OPERATING TEMP	0°F – 120°F
ALARM	AUDIBLE 85dB
LOG	1000 HOURS OF ENGINE DATA STORED
BLUETOOTH	BLE 2.1 WITH LONG RANGE ANTENNA



## FEATURES

### SAFETY

- Carbon Monoxide Monitor Alerts Operator & Shuts Down Equipment If OSHA Permissible Exposure Limits Are Reached
- 8 Hour Time-Weighted-Average Alarm Set At 35 Parts Per Million CO
- Short Term CO Exposure Limits Set At 200 and 1200 Parts Per Million
- Air Fuel Ratio Monitoring Alerts Operator of Rich, High CO Running Condition

### PRODUCTIVITY

- Hour Meter Records Engine Running Time
- Programmable Service Reminders Record When Service Is Performed or Ignored
- Tachometer
- Engine Data Logged And Downloadable via Bluetooth

### RELIABILITY

- Built for Extreme Conditions
- Factory Calibrated, No Recalibration Required
- 5 Year Warranty

### About Safety Technologies

Our goal is to keep your workforce safe and productive, with uncompromising integrity and passionate innovation. Our team works closely with equipment manufacturers in industries such as construction, material handling, and power generation to co-develop products that keep equipment operators safer and more productive. For more information visit [safeairmonitors.com](http://safeairmonitors.com).



### AVAILABLE FROM:

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