

FX-1500



PRODUCT DESCRIPTION:

The Foxcroft FX-1500 series of toxic gas leak detectors alert you to minute levels of toxic gas or low oxygen levels in storage or usage areas. The remote display unit can be located in a safe area up to 2,000 feet away from the potential gas leak.

Includes: (3) Alarm levels, Digital display in ppm or % oxygen, (3) LED alarm indicators, (5) Relay contacts, silence & reset buttons, electronics test button.

Optional 4-20mA retransmission output scalable to the sensor operating range is available for connection to SCADA, data loggers, or chart recorders. Analog electronics are reliable, simple to install and use. An optional battery backup/surge protector is recommended for applications where AC power is unreliable, or must be maintained in the event of a power failure.

Specifications

Sensor Input:	One gas sensor
Sensor Distance From Display:	25 feet standard cable length, 2000 feet maximum each channel
Measuring Principle:	3-Electrode, electrochemical fuel cell
Response Time (T₉₀):	<60 Seconds at 20°C. Typically less than 8 seconds to full alarm
Long-term Sensitivity Drift:	Less than 2% signal loss per month
Temperature Range:	-20°C to +50°C (-4°F to 122°F)
Humidity Range:	15 - 90 % (non-condensing)
Accuracy:	0.1 PPM (@20 degree C)
Resolution:	0.1 PPM
Dimensions, Remote Display :	7" high x 7" wide x 5" deep (approx. w/ mounting ears)
Dimensions, Sensor:	4" high x 4" wide x 2.5" deep (on 7" x 7" x 1/4" mounting plate)
Sensor Expected Operating Life:	2 years in air, Oxygen 2 years in air
Power Supply:	110/ 220 VAC, 50/60 Hz
4-20 mA Output (optional):	Analog 4-20mA output @ 300 ohms maximum, scalable to sensor operating range
Relay Contact (Danger Alarm):	(2) SPDT 10A @ 125VAC (latching)
Configurable Relays:	(2) SPDT 10A @ 125VAC & (1) Cell failure SPST 1amp @ 125VAC
Audible Alarm	Integral Piezo Buzzer, 100 dB
Alarm Levels:	(3) Alarm levels: Caution, Warning & Danger
Instrument & Sensor Mounting:	NEMA 4X Wall mount
Warranty:	Electronics 1 year, toxic gas sensor 1 year
Gas Sensors Available:	Ammonia, Carbon Monoxide, Chlorine, Chlorine Dioxide, Hydrogen, Hydrogen Chloride, Hydrogen Cyanide, Hydrogen Sulfide, Nitrogen Dioxide, Nitric Oxide, Oxygen, Ozone, Sulfur Dioxide
(Sensor specifications based on Chlorine)	Manufactured completely in Glenmoore, PA except gas sensors made in Europe

www.chemtech-us.com

Westtown Business Center 1568 McDaniel Drive West Chester, PA 19380 USA
P: 610-566-7177 F: 484-266-7137

sales@chemtech-usa.com Follow us on LinkedIn: Chemtech International Inc