



## **FX-1504 Four Channel Toxic Gas Detector**

The FX-1504 Four Channel Gas Detector, has the ability to monitor the air for the same or four different gases simultaneously. Each sensor sends a 4-20mA signal to the remote unit that reads in parts per million or percent of oxygen.

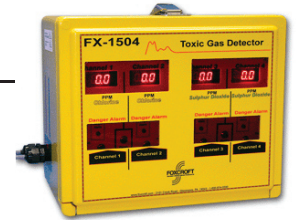
The remote unit is equipped with a separate LED digital display for each channel and an audible alarm which sounds when toxic gas levels reach the warning or danger levels. All channels alarm independently in the event of a toxic gas leak or low oxygen levels.

The sensors can be placed as far away as 2000 feet permitting the remote unit to be located in an area that is out of harm's way.

Each sensor enclosure contains an electronic test button for local testing. Both the sensor and remote units are housed in a NEMA 4X enclosure to protect the electronics from corrosion and dirt..

### **PRODUCT FEATURES**

- **Maintenance Free Sensors**
- **Quick Response Sensors**
- **Local Sensor Alarming**
- **Local Electronic Test Button**
- **NEMA 4X Enclosure**
- **Independent Digital Display for each channel**
- **2 Alarm Levels for each channel**
- **Audible Alarm**
- **Fault Indicator for each channel**
  
- **Gas Type Available:** Ammonia, Carbon Monoxide, Chlorine, Chlorine Dioxide, Hydrogen, Hydrogen Chloride, Hydrogen Cyanide, Hydrogen Sulphide, Nitrogen Dioxide, Nitric Oxide, Oxygen, Ozone, Sulphur Dioxide



**FX-1504  
Four Channel Toxic  
Gas Detector**

**SPECIFICATIONS**

**GENERAL**

Sensor Input:	Four
Sensor Input	Signal: 4-20mA, 200 ohms
Sensor Distance:	25 feet standard cable length, 2000 feet maximum
Digital Display:	Direct PPM each channel
Auxiliary Relay:	DANGER Alarm, SPDT 10A @125VAC (latching) each channel Secondary relay provided - user selected SPST 10A @125 VAC
Audible Alarm:	Pulsating Piezo Buzzer (100 dB)
Power:	110/220VAC 50/60 hz @ 200mA
Optionl Output for each channel:	4-20mA, 600 VDC per channel (4 maximum)
Response Time:	Less than 8 seconds to full alarm
Accuracy (ppm @20o C)	0.1 ppm
Resolution: (ppm @20o C)	0.1
Repeatability:	2%
Temperature Range Continuous:	-20°C to +50°C (-4°F to 122°F)
Operating Humidity:	15 - 90% non-condensing
Remote Enclosure:	NEMA 4X - 9" high x 12" wide x 6" deep
Sensor Enclosure:	4" high x 4" wide x 2.5" deep (on 7" x 7" x 1/4" mounting plate)
Warranty:	Electronics 1 year, toxic gas sensor 1 year



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