

Detect Gas Leaks and Oxygen Depletion

The Det-Tronics GT3000 line of electrochemical fixed-point toxic-gas detectors provides continuous monitoring of the atmosphere for potentially hazardous toxic gas leaks or oxygen depletion.

The GT3000 family currently includes sensors that detect each of the following gases (additional gases added soon):

- + hydrogen sulfide (H₂S)
- + hydrogen (H₂)
- + oxygen (O₂)
- + carbon monoxide (CO)
- + nitrogen dioxide (NO₂)
- + ammonia (NH₃)
- + chlorine (Cl₂)
- + sulfur dioxide (SO₂)

A complete GT3000 detector consists of a transmitter (GTX) and a sensor module (GTS). The transmitter generates a 4-20 mA output signal with HART that is proportional to the concentration of the target gas and corresponds directly to 0-100% full scale output.

Although compatible with the [FlexVu Universal Display](#), the GT3000 is approved as a stand-alone unit and supports local calibration without the FlexVu display.

Functional

- The GT3000 detectors simplify service and maintenance tasks by allowing the sensor to be changed under power without de-classification of hazardous areas and by providing easily accessible event log records via the HART communication protocol.

Flexible

- Inventory costs and technician training costs stay low because the same transmitter is used for all GT3000 detectors. Commonality of design allows users to simply attach a variety of GT3000 sensors to transmitters.

Reliable

- The GT3000 family of detectors is well suited for hazardous locations and has been tested by a third party to the Ingress Protection standard, achieving the IP66 rating.

http://www.del-tronics.com/tech/w-462/Assets/GT3000%20options.g5ASST - Windows Internet Explorer

http://www.del-tronics.com/tech/w-462/Assets/GT3000%20options.g5ASST

Electroche... Emerson F... Emerson F... Emerson F... GT3000 T... del-tr... X

File Edit View Favorites Tools Help

bing

Supported Sites Web Site Gallery Myum96 1-4

Page Safety Tools

GT3000 Gas Detector Family

H_2S NH_3 Cl_2 CO O_2 H_2 SO_2 NO_2

GTS Sensor

Start | DATABASE_F... | 30_3RD_BOOS... | Mtp://www... | DATABASE... | DATABASE... | DATABASE... | DATABASE... | DATABASE... | Gas - Pro - P... | Solider fume ma... | EN | 6:25 PM

http://www.del-tronics.com/tech/w-462/Assets/GT3000%20options.g5ASST - Windows Internet Explorer

http://www.del-tronics.com/tech/w-462/Assets/GT3000%20options.g5ASST

Electroche... Emerson F... Emerson F... Emerson F... GT3000 T... del-tr... X

File Edit View Favorites Tools Help

bing

Supported Sites Web Site Gallery Myum96 1-4

Page Safety Tools

GT3000 Gas Detector Family

H_2S NH_3 Cl_2 CO O_2 H_2 SO_2 NO_2

GTS Sensor

GTX Transmitter

FlexVu Display

GT3000 Detector with FlexVu Display

Start | DATABASE... | 30_3RD_EC... | Mtp://www... | DATABASE... | DATABASE... | DATABASE... | DATABASE... | DATABASE... | Gas - Pro - P... | Solider fume ... | EN | 6:25 PM

GT3000 Toxic Gas Detector - Windows Internet Explorer

C:\Users\yvelb\Documents\RD_398_ECOSOLDER_PURCHASING\DATA BASE_ECOSOLDER.Project 128

Electronics... Emerson Proc... Emerson Proc... Emerson Proc... GT3000 To... X

File Edit View Favorites Tools Help


bing

Support Center Help-Data gallery Support 1-4

Page Safety Tools

- Home
- Certified Systems
- Gas Detection
- Flame Detection
- Surveillance
- University
- News Room
- Careers
- Links
- About Us
- Contact Us

Gas Detection Principles 32-1015 EN



Detect Gas Leaks and Oxygen Depletion

The Det-Tronics GT3000 line of electrochemical fixed-point toxic-gas detectors provides continuous monitoring of the atmosphere for potentially hazardous-toxic gas leaks or oxygen depletion.

The GT3000 family currently includes sensors that detect each of the following gases (additional gases added soon):

- + hydrogen sulfide (H₂S)
- + hydrogen (H₂)
- + oxygen (O₂)
- + carbon monoxide (CO)
- + nitrogen dioxide (NO₂)
- + ammonia (NH₃)
- + chlorine (Cl₂)

GT3000 shown here with FlexVu® Universal Display. Click image for an expanded camera view.

[Locate Sales Rep Near You](#)

100%

Start DATA BASE_p... RD_398 ECOS... GT3000 Toxic... DATA BASE pr... DATA BASE IN... DATA BASE Det... DATA BASE Da... DATA BASE Da... Gas - Pro - Pro... EN 6:41 PM