

# Dräger



Winn-Marion  
Companies

[phoenix@winn-marion.com](mailto:phoenix@winn-marion.com)

## Fire and Gas Detection Systems

Dräger solutions provide accurate operation for long periods of time often without calibration or maintenance – even in the harshest environments. They offer easy upgrades, plant-wide view of safety systems and real-time view of individual sensors in control room and remote locations. Our portfolio can detect 400+ gases and vapors and offers visual and optical fire detection.



Dräger. Technology for Life®

## COMBUSTIBLE GAS DETECTION TRANSMITTERS



D-32407-2011

**Dräger Polytron® 5200 CAT**  
 Low-cost explosion proof transmitter with optional relays uses a high performance catalytic bead DQ sensor



D-14987-2010

**Dräger Polytron® 5700 IR**  
 Explosion-proof transmitter with optional relays uses the high performance PIR 7000 sensor



D-14987-2010

**Dräger Polytron® 5720 IR**  
 Explosion-proof transmitter with optional relays uses a high performance Dräger PIR 7200 CO2 sensor



D-797-2016

**Dräger Polytron® 8200 CAT**  
 Explosion-proof transmitter with optional relays and bus communication uses a high performance catalytic bead DQ sensor



D-14883-2010

**Dräger Polytron® 8700 IR**  
 Explosion-proof transmitter with optional relays and bus communication uses a high performance Dräger PIR 7000 IR sensor



D-14883-2010

**Dräger Polytron® 8720 IR**  
 Explosion-proof transmitter with optional relays and bus communication uses a high performance Dräger PIR 7200 CO2 sensor



D-11860-2016

**Dräger Pointgard® 2200**  
 Self-contained gas detection system for general purpose areas uses an integrated or remotely mounted catalytic bead DQ sensor.



D-0981-2020

**Dräger Pointgard 2700**  
 Self-contained gas detection system for general purpose areas uses a remotely mounted explosion proof Dräger PIR 7000 IR sensor



D-42819-2015

**Dräger GS05**  
 Wireless infrared gas transmitter for continuous monitoring of flammable hydrocarbon gases and vapours

## TOXIC GAS DETECTION TRANSMITTERS



**Dräger Polytron® 8100 EC**  
Explosion-proof transmitter with advanced diagnostics and bus communication uses a high performance DrägerSensor® EC



**Dräger Polytron® 7000**  
Intrinsically safe transmitter with advanced diagnostics and optional relays and sampling pump uses a DrägerSensor® EC



**Dräger Polytron® 5100 EC**  
Low-cost explosion-p roof transmitter with optional relays uses a high performance DrägerSensor® EC



**Dräger Pointgard® 2100**  
Self-contained gas detection system for general purpose areas uses an integrated or remotely mounted DrägerSensor EC



**Dräger Pointgard® 2720**  
Self-contained gas detection system for general purpose areas uses a remotely mounted explosion proof DrägerSensor PIR 7200 IR CO



**Dräger Polytron® 6100 EC WL**  
Wireless transmitter for continuous monitoring of toxic gases and oxygen.

## AREA MONITORING



**Dräger Polytron Pulsar 7000**  
The Dräger Pulsar 7000 Series are stationary open path gas detectors



**The Dräger Polytron® 8900 UGLD**  
Transmitter is an early warning area monitor for detecting high-pressure gas leaks in outdoor industrial process environments.

## COMMERCIAL BUILDING SYSTEMS



**Dräger VarioGard® 3000EC**  
 Cost effective digital bus transmitter with an integrated electrochemical sensor for detecting toxic gases and oxygen in ambient air



**Dräger VarioGard® 3200CAT**  
 Cost effective digital bus transmitter with an integrated catalytic bead sensor for detecting combustible gases in ambient air



**Dräger VarioGard® 3300/3320 IR**  
 Cost effective digital bus transmitter with an integrated infrared sensor for detecting combustible gases or CO<sub>2</sub> in ambient air



**Dräger VarioGard® Central Unit**  
 A cost-efficient, modular gas detection system uses a digital bus for controlling up to 100 transmitters for various gases

## FLAME DETECTION



**Dräger Flame 2000**  
 Single IR: uses an advanced infrared and optical sensor to provide maximum sensitivity to carbon dioxide spectral bands



**Dräger Flame 2100**  
 Single UV: detects flames, while eliminating interference from solar radiation and other non-fire UV sources



**Dräger Flame 2350**  
 UV/IR: detects hydrocarbon-based fires at a high speed response time of 200 milliseconds



**Dräger Flame 2370**  
 Ultrafast UV/IR: detects hydrocarbon-based, hydroxyl, and hydrogen fires, as well as metal and inorganic fires at a response time of only 20 milliseconds



**Dräger Flame 2500/2570**  
 Triple IR / Ultra Fast Triple IR: three infrared sensors identify hydrocarbon-based fire events with exceptional sensitivity and extreme immunity to false alarms



**Dräger Flame 2700**  
 Multi-IR: incorporates several detection algorithms to simultaneously detect both CO<sub>2</sub> & H<sub>2</sub>O peaks, and reduce false alarms



**Dräger Flame 3000**  
 An imaging-based IR flame detector using digital signal processing and advanced algorithms to identify flame characteristics



**Dräger Flame 5000**  
 An explosion-proof flame detector based on advanced color imaging technology with real time video recording of events

## CONTROLLERS

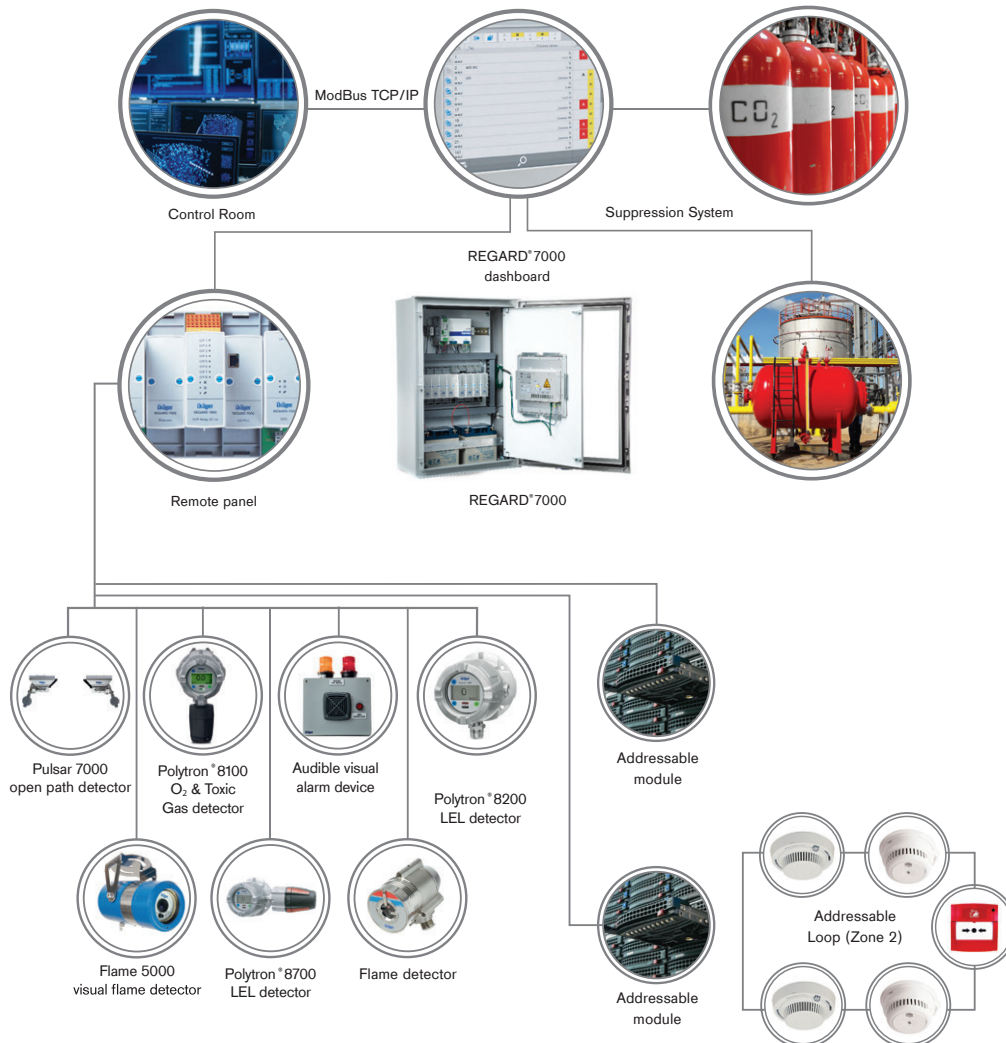


**Dräger REGARD® 3900**  
A general purpose controller for monitoring up to 16 points with front-end access



**Dräger REGARD® 7000**  
A modular and highly expandable analysis tool that's suitable for gas warning systems with various levels of complexity and numbers of transmitters

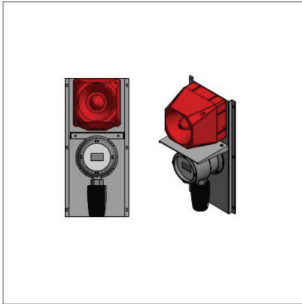
## Dräger Integrated System - REGARD® 7000-F Controller



## CUSTOM SYSTEMS

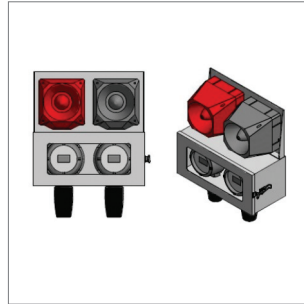
We have stations custom built to your every requirement.

All in One Stations that monitors, alarms and identifies your risk in your process. Our solution is a Stand alone option that only needs power to function in order to monitor and protect you. The information from these stations can be easily connected to your control system by various means of communication protocols.



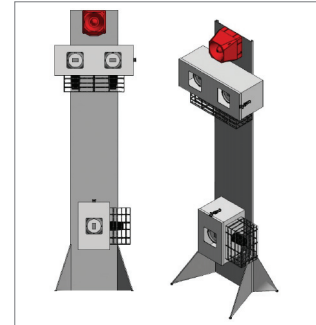
### Single Detector Station

This station consists of a single detector with your choice of Sensor technology c/w a siren/beacon combo installed. Easy to mount using the bracket supplied.



### Dual Detector Station

This station consists of two detectors with your choice of Sensor technology c/w two siren/beacon combo's installed to alert on which transmitter is in an alarm state. Easy to mount using the bracket supplied.



### Triple Detector Station

This station consists of three detectors with your choice of Sensor technology c/w a siren/beacon combo installed. This unit is a mobile unit and can be moved as required.

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#### CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA  
Moislinger Allee 53–55  
23558 Lübeck, Germany

[www.draeger.com](http://www.draeger.com)

#### REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA  
Branch Office  
P.O. Box 505108  
Dubai, United Arab Emirates  
Tel +971 4 4294 600  
Fax +971 4 4294 699  
[contactuae@draeger.com](mailto:contactuae@draeger.com)

#### REPUBLIC OF SOUTH AFRICA

Dräger South Africa (Pty.) Ltd.  
P.O. Box 4676  
Rivonia 2128  
Tel +27 11 059 4200  
Fax +27 11 465 6936  
[customercare\\_za@draeger.com](mailto:customercare_za@draeger.com)

#### SALES INTERNATIONAL

##### KINGDOM OF SAUDI ARABIA

Dräger Arabia Co. Ltd.  
P.O. Box 365642  
Riyadh 11393  
Tel +966 11 269 8749  
Fax +966 11 269 8751  
[draeger.arabia@draeger.com](mailto:draeger.arabia@draeger.com)

Locate your Regional Sales Representative at:

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[www.draeger.com](http://www.draeger.com)

#### REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA  
Branch Office  
P.O. Box 505108  
Dubai, United Arab Emirates  
Tel +971 4 4294 600  
Fax +971 4 4294 699  
[contactuae@draeger.com](mailto:contactuae@draeger.com)

#### REPUBLIC OF SOUTH AFRICA

Dräger South Africa (Pty.) Ltd.  
P.O. Box 4676  
Rivonia 2128  
Tel +27 11 059 4200  
Fax +27 11 465 6936  
[customer-care\\_za@draeger.com](mailto:customer-care_za@draeger.com)

#### SALES INTERNATIONAL

##### KINGDOM OF SAUDI ARABIA

Dräger Arabia Co. Ltd.  
P.O. Box 365642  
Riyadh 11393  
Tel +966 11 269 8749  
Fax +966 11 269 8751  
[draeger.arabia@draeger.com](mailto:draeger.arabia@draeger.com)

Locate your Regional Sales  
Representative at:  
[www.draeger.com/contact](http://www.draeger.com/contact)

