

Designed for safety – made for life

SIMTRONICS

Advanced gas and flame detection

Simtronics is a world class provider of sophisticated gas and flame detection systems. Our products are used worldwide to provide early detection of hazardous events.

Simtronics advantage

Safety

Fast reliable detection
SIL compatible

Reliability

Durable mechanical design
Long term stability

Low life cycle cost

Low maintenance
Long operational lifetime

Our capabilities

Gas detection

Infrared, catalytic, electrochemical, semiconductor, ultrasonic.

Flame detection

Combined UV/IR
Multispectrum IR

Systems

Conventional 19" rack or addressable systems. Sampling systems and custom applications.

Fire suppression

Water mist, deluge, sprinkler monitor, hydrant, dual agent gas systems, foam.



Gas Detectors

GD1

Laser Open Path Gas Detector

Detected: H₂S / CO₂

Tunable laser diode

Excellent stability + reliability
Fast H₂S detection technology
No recalibration



GD10P

Point IR Gas Detector

Detected: Hydrocarbons or CO₂ gases

Solid state IR sources
Excellent stability + reliability
Fastest point IR detector available



GD10PE

High Sensitivity Point IR

Detected: Hydrocarbon gases

High sensitivity gas detection
HVAC air intakes
Gas turbine ventilation extract ducts
Operates continuously at 85°C



GD10L

Open Path Gas Detector

Detected: Hydrocarbon gases

Solid state IR sources
Excellent stability + reliability
Heated retro-reflector
Maximum ease of alignment



MultiXplo DM-TX6

Intelligent Flammable Gas Detectors

Detected: Flammable gases

Flexible transmitter used for a wide range of gases + vapours
Remote, wireless configuration
"No-touch" field cabling
Over range protection



MultiTox DM-TT6

Solid State (MOS) Gas Detectors

Detected: H₂S

Remote, wireless configuration
"No-touch" field cabling
No sleeping effects

MultiTox DMI-TT6/T06

Toxic or Oxygen Gas Detectors

Detected: Toxic gases + oxygen

Flexible transmitter used for a wide range of gases
Interchangeable cartridge determines transmitter properties
Remote, wireless configuration
"No-touch" field cabling

GDU

Ultrasonic Gas Leak Detector

Detected: Pressurised gas leaks

Continuous Active Measurement
Performance target verification
Robust packaging for all climates
Fail safe monitoring via control system



Flame Detectors

MultiFlame DM-TV6-T
Multi Spectrum IR Flame Detector

Detects: Hydrocarbon flames
Wide field of view
Remote, wireless configuration
Optimum flame alarm immunity
"No-touch" field cabling



MultiFlame DM-TV6-V
UV/2IR Flame Detector

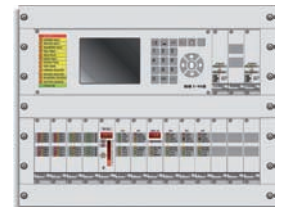
Detects: Hydrocarbon flames
Wide field of view
Remote, wireless configuration
Optimum flame alarm immunity
"No-touch" field cabling



Systems

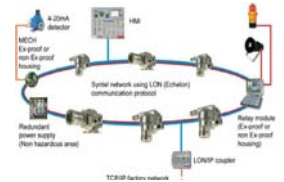
MultiSafe MX
Integrated addressable and conventional fire and gas system
19" rack monitoring system

SIL certified fire and gas detection system
Fire suppression control
Conventional or addressable mode
SIL2 or SIL3 certified



Syntel
Addressable hazard monitoring system

Addressable gas and flame monitoring
Distributed intelligence
Comprehensive data acquisition
Fault tolerant communication loop
No common failure mode
Supports Simtronics and 3rd party equipment



MDXI
19" rack monitoring system

Conventional modular system
Centralised alphanumeric display
4-20mA input
Up to 100 channels



Echo Samsys
Sequential sampling system

Continuous monitoring of toxic and/or combustible gas
Dedicated car park solution
Automatic and periodic re-zoning
Easy installation and low cost of maintenance
Monitors multiple gases



Echo 28
Wall mount panel
Expandable system from 4 to 28 channels

Continuous monitoring of toxic and/or combustible gas
Configurable relays
8 relay expansion module
Integrated buzzer



Echo 2/4
Wall mount panel
2 or 4 channels

Continuous monitoring of toxic and/or combustible gas
Easy installation and low cost of maintenance
Intuitive interface





For enquiries about your Simtronics products and services,
please contact your local distributor or one of our sales offices.

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