

IMPERIAL

FIRE ENGINEERING

The Expert in Fire Protection System



ROTAREX

FIRETEC



A new kind of Fire Suppression System



Electrical cabinets



CNC machines



Fume cabinets

Installs directly inside high-risk equipment

Target the fire at the source before it grows out of control

- Rapid and effective suppression - closer to the source
- Easy and flexible to install - no electricity
- Economical
- Keeps your enterprise working at top productivity
- Reduces worker injury risk
- Reduces damage and repair down time due to fire
- Help prevent damage and down time from sprinkler system activation

Don't play with fire: high-risk equipment areas need extra fire protection to prevent disruption.

Fire risks:

- Short circuits
- Electrical surges
- Overloading
- Overheating
- Dust
- Faulty maintenance
- Flammable materials
- Mechanical friction

Possible fire consequences:

- Damage to the entire equipment or building
- Peripheral damage to adjacent equipment
- Production stoppage during repair
- Human injury
- Extensive clean-up

A complete detection & suppression system

Installs directly at the source

The flexible Firedetec sensor tubing is installed directly inside machinery and around vital mechanical and electrical components. Pneumatic technology permits installations not possible previously.

Quick detection

The high temperature that accompanies or immediately precedes a fire will cause the sensor tube to burst at the hottest spot.

Quick suppression

The sudden tube pressure drop instantly activates the valve and discharges the pressurized extinguishing agent through the delivery nozzles. Within seconds the fire is extinguished.

Patented valve technology from the valve expert

Rotarex is the world leader in the design and manufacturing of high pressure valves - and brings you the most advanced technology and highest possible quality and craftsmanship. Trust Rotarex for reliable performance when it really counts.



ets



Professional kitchens



more applications ...



Indirect low pressure system

Extinguishing agent is discharged through a separate delivery nozzle

Used for spaces $< 5\text{m}^3$

Key features:

- Most effective fire suppression
- Covers a large area
- Allows a quicker discharge of extinguishing agent
- Multiple nozzle delivery options such as foaming and wide dispersion.
- Works with all suppression agents



Available in 3 sizes
with FM approval
With Novec or HFC 227ea



Direct low pressure system

Extinguishing agent is discharged through the burst hole in the detection tube

used for small enclosed spaces $< 1\text{m}^3$ and hard to reach areas



Electrical cabinets



CNC machines

CO₂ and Inert Gas Systems

Indirect high pressure system



CO₂ is discharged through a separate delivery nozzle

Used for spaces < 5m³

Key features:

- Most effective fire suppression
- Allows a quicker discharge of CO₂
- CE approval

Direct high pressure system

CO₂ is discharged through the burst hole in the detection tube

used for small enclosed spaces < 1m³ and hard to reach areas



DIMES Digital MEasuring System for CO₂

DIMES is the first permanent electronic contents control for CO₂. It is available as an option for ILP and IHP systems and offers you all these benefits:

- Permanent realtime measuring
- No scale and no dismounting necessary
- No periodic weighing
- Fully electronic, no moving parts
- Pre-defined alarm level
- Multiple cylinder control
- No manipulation
- Reduces down time and maintenance costs: intelligent maintenance
- Easy to install
- Easy read-out
- Long distance data transmission
- Highest accuracy



Worldwide first fully electronic Digital MEasuring System for CO₂ contents control. No more weighing

Complete kits and all accessories (cables, alarm box, calibration units)



www.rotarex.com

For more information please contact:

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