



**ROTAREX**  
FIRETEC

# IMPERIAL

**FIRE ENGINEERING**

The Expert in Fire Protection System



APPROVED\*



**COMPLETE UL / FM-CERTIFIED  
FIRE SYSTEMS FOR INERT GAS**

# A COMPLETE UL / FM-CERTIFIED INERT GAS SYSTEM



**INEREX®** by Rotarex Firetec is a complete UL / FM - Certified Inert Gas Fire Suppression System that helps you save time and improves productivity

INEREX® has done the compatibility, performance testing and certification work for you! The system is ready to configure and install and the patented constant flow pressure regulator technology helps improve safety. Safe, effective and UL / FM - certified.



**A COMPLETE SYSTEM  
 UL / FM - APPROVED**

A complete system solution	
1	Cylinder 80 L - 200/300 bar
2	Valve 200/300 bar
3	Discharge pressure regulator
4	Manual release device
5	Pneumatic release device
6	Electromagnetic release device
7	Pressure Gauge with pressure switch
8	Bleed valve
9	Discharge hose
10	Pilot hose
11	Manifold
12	Nozzle
13	Support for Cylinder
14	Wall Mounting Rail
15	Bracket for manifold
16	Clamp for manifold

# CONSTANT-FLOW PRESSURE REGULATOR TECHNOLOGY

**INEREX® systems use constant-flow pressure regulators** that modulate the discharge pressure to a constant 40-60 bar which still delivers the design concentration within 60 seconds, but with significant performance benefits:



## BETTER SAFETY:

- ★ Prevents discharge freeze-up
- ★ Prevents explosive force of discharge

## SAVES TIME AND IMPROVES PRODUCTIVITY:

- ★ Enables low pressure (schedule 40) manifolds & pipework to be used - that are easy to install
- ★ Reduces the difficulty and cost of locating/fitting pressure vents in the protected space

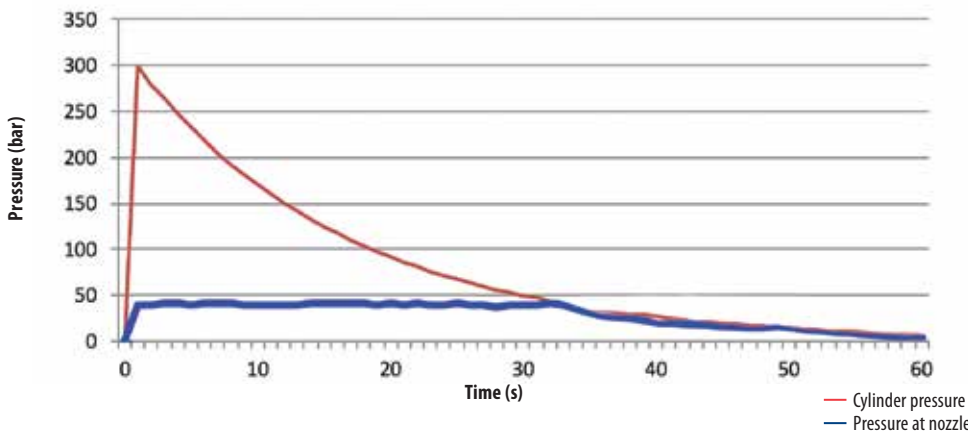
## EASY MAINTENANCE:

- ★ After a system discharge, simply remove the regulator, recharge, and reconnect. No reconditioning necessary
- ★ Functional tests are possible even while the system is armed



Design software available

Constant flow 40-60 bar dynamic pressure



**INEREX CONSTANT-PRESSURE TECHNOLOGY REDUCES DISCHARGE NOZZLE PRESSURE TO A CONSTANT 40-60 BAR.**

While still delivering the design concentration within 60 seconds, it eliminates the need for expensive high-pressure discharge manifolds and piping.

### COMPATIBLE WITH ALL INERT GAS TYPES

IG 01	IG 100	IG 55	IG 541
100% Argon	100% Nitrogen	50% Argon 50% Nitrogen	50% Nitrogen 42% Argon 8% CO <sub>2</sub>
EN 15004-7	EN 15004-8	EN 15004-9	EN 15004-10
IG 01 is heavier density than air (1.38). Thus, Argon perfectly adapted to spaces where false floors have been installed because of low upper part insulation	IG 100 has a similar density to air (0.97). Thus, Nitrogen can disperse optimally in the room space and maintain a concentration for a long period.	As mixed gases, IG 55 and IG 541, enable to have different density and thus to disperse and cover the entire space area.	

WORLDWIDE HEADQUARTERS

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# HIGH QUALITY, PROVEN TECHNOLOGY:

From the world leader in valve and equipment for fire suppression systems, INEREX® technology already protects over 120,000 installations worldwide.



For more information please contact :

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