



20MPa-Powered IG100 Nitrogen Fire Suppression For Industrial Facilities

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Guangzhou Xinlin Firefighting Equipment Co., Ltd.
- Certification: ISO9001, CE, QMS, CCCF, CNAS
- Model Number: DMP90/20-XL-202
- Minimum Order Quantity: 10 set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or paper
- Delivery Time: 10-15 working days after payment or receipt of L/C
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 300000 unit



Product Specification

- Power Source: Gas Fire Extinguisher
- Starting Mode: Automatic, Electrical Manual, Mechanical Emergency
- Capacity: 70L, 80L, 90L
- Feature: Clean Gas And Environmental Friendly
- Body Material: Steel Cylinder
- Pressure: 15MPa
- Agent: Nitrogen
- Type: Automatic Fire Extinguisher
- Object: Class A, B, C, E Fires
- High Light: DMP90/20-XL-202 Gas Fire Suppression
- Highlight: **20MPa Nitrogen Fire Suppression, IG100 Nitrogen Fire Suppression, Industrial Facilities Nitrogen Fire Suppression**

Product Description

20MPa-Powered IG100 Nitrogen Fire Suppression for Industrial Facilities

Product description

The IG100 gas fire extinguishing device is an environmentally friendly fire-fighting equipment that uses nitrogen (N₂) as the fire-extinguishing agent. Because the fire-extinguishing medium is taken from natural nitrogen, this system is also called a nitrogen fire-extinguishing system or Inergen system. Based on the fact that nitrogen accounts for 78% of the atmosphere, this system is designed to be an efficient, residue-free and non-environmentally polluting fire extinguishing method that meets the high standards of green fire protection technology and fire safety in today's society.

System Features

Environmental performance: IG100 gas fire extinguishing agent is pure nitrogen, with zero greenhouse effect potential (GWP) and zero ozone depletion potential (ODP), which means that it neither destroys the earth's ozone layer nor aggravates the greenhouse effect. It is a very environmentally friendly choice.

Physical fire extinguishing mechanism: IG100 achieves the purpose of extinguishing fire by reducing the oxygen concentration in the protective zone to less than 15%. No chemical reaction occurs during the fire extinguishing process, and it will not cause corrosion or secondary pollution to the protected equipment, items or materials.

Safe and reliable: Nitrogen is harmless to the human body and does not cause suffocation hazards, allowing personnel to be safely evacuated within a certain period of time. In addition, nitrogen quickly blends into the atmosphere after release without leaving any harmful substances behind, which helps in rapid recovery after a fire.

Wide range of applications: IG100 gas fire extinguishing system is suitable for fires in various electrical and electronic equipment, including but not limited to data centers, communication rooms, libraries, archives, museums and other cultural facilities, as well as petrochemical, power facilities, precision instrument manufacturing workshops flammable liquid, gas fires and some solid fires in various special environments.

scenes to be used

Data centers and IT facilities: For spaces filled with servers and communication equipment, the IG100 gas fire extinguishing system can quickly extinguish fires without damaging the equipment and protect valuable electronic information resources.

Libraries and archives: The storage environment of rare books and historical archives requires fire extinguishing methods that cannot cause damage or deterioration of paper materials, and the IG100 precisely meets this requirement.

High-tech industry: Semiconductor production lines, laboratories and other places, precision instruments and equipment are of extremely high value. Using IG100 can avoid damage to precision components caused by traditional fire extinguishing agents.

Petrochemical enterprises: Although IG100 is not directly applicable to fires in all chemical environments, it can still be used as an ideal fire protection solution in specific control rooms, electrical equipment rooms and other areas.

Technical parameter

Model	DMP90/20-XL-202
Agent	N ₂
Executive standards	GB25972-2010
Working pressure (20°C)	20MPa
Working pressure temperature	0~50°C
Filling density (20°C)	178.125kg/M ³
Maximum working pressure(50°C)	17.2MPa
Fire extinguishing methods	Total flooding
Starting Method	Automatic, pneumatic, and mechanical emergency operations
Spraying time	≤60S
Drive bottle group pressure	6Mpa

Company profile

Guangzhou Xinlin Firefighting Equipment Co., Ltd. is located in Guangzhou, a vital city connecting China to the world, characterized by its convenient transportation and picturesque environment. We are a manufacturing company with a professional and seasoned team of employees, consisting of solution design experts, technical installation specialists, quality inspection professionals, and after-sales service teams, dedicated to the research and development of HFC-227ea (FM200), IG541, IG100, and Novec 1230 products.

Currently, we offer a range of commonly used fire suppression systems, including FM200 fire suppression systems, cabinet-style FM200 fire suppression systems, fully automatic fire extinguisher (hanging), portable fire extinguisher, IG541 fire suppression systems, IG100 fire suppression systems, fire detection tube fire suppression systems, as well as automatic fire extinguishing pipelines.

With high quality products, perfect service and good reputation, the company has won wide praise from customers at home and abroad.

Why choose us

- Efficient management system
- More than 10 years of experience in gas fire fighting industry
- Advanced equipment and professional engineers
- We provide 8x6 hr technical support and after-sales service

Frequently Asked Questions

Q1: Are you a manufacturer or a trading company?

A1: We are the manufacturer.

Q2: Do you have OEM orders?

A2: Yes, according to the customer's requirements.

Q3: Where is your factory located? How do I get there?

A3: Our factory is located in Dongzhou Industrial Park, Xintang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

You are very welcome to visit our factory.



Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.



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