



## 15Mpa Sealed Space Protection IG100 Nitrogen Fire System For Communication Base Stations

### Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: UL,FM,CMA,CNAS
- Model Number: QMD15/70-XL
- Minimum Order Quantity: 1
- 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: 50000 sets per week



### Product Specification

- Power Source: Gas Fire Extinguisher
- Working Temperature Range: 0~50°C
- Cylinder Volumer: 70L,80L,90L
- Working Pressure: 15MPa
- Max Working Pressure: 17.2Mpa
- Environmental: Environmentally Friendly
- Fire Extinguishing Methods: Total Submergence
- Injection Time: ≤60s
- Highlight: **15Mpa IG100 nitrogen fire system, sealed space fire suppression system, communication base station fire protection**



### More Images



## Product Description

### 15Mpa Sealed Space Protection IG100 Nitrogen Fire System For Communication Base Stations

#### Description:

IG-100 uses Nitrogen for a clean, safe and 100% ecological extinguishment. This gas is widely used in a variety of extinguishing systems due to its excellent pressurization conditions. In this case it complies with equal smothering efficiency by reducing the oxygen concentration to extinguish the fire, while leaving a percentage of oxygen suitable for occupied areas. Due to this feature, hazards can be protected where there is the possibility that people will be in the enclosure at the time of the fire, ensuring their safe evacuation both in terms of the level of oxygen in the room, and the absence of chemicals in the discharge. In addition, its physical and dispersion properties help maintain visibility during the evacuation.

#### parameters:

Operating ambient temperature		0 +50			
Work pressure	Storage pressure	15.0 MPa		20MPa	
	Maximum working pressure(+50 )	17.2 MPa		23.2MPa	
Container capacity L		80L	90L	80L	90L
Filling volume kg		14.5kg	16.5kg	18.8kg	20.68kg
System operating voltage		220V AC,24V DC			
System startup method		Electrical automatic, electrical manual, mechanical emergency start			
Fire extinguishing concentration	Class A hazardous surface fire	31%			
Design concentration	n-heptane	33.6%			
	Class A hazardous surface fire	40.3%			
	n-heptane	43.7%			
Design concentration in protective areas where people are working		37.5 43%			

#### Advantages of IG100 Gas Fire Suppression System:

The IG100 fire suppression system uses pure nitrogen as the extinguishing agent and offers the following key advantages:

**Eco-friendly and Safe:**Leaves no chemical residues after discharge, posing zero risk to sensitive equipment, cultural artifacts, archives, or personnel. Aligns with sustainable fire protection principles. **Life Safety Assurance:**Reduces oxygen concentration to an optimal range of 12.5%-14% during suppression—ensuring effective fire extinguishing while maintaining breathable conditions for safe evacuation and preserving visibility.

**Rapid Total Flooding:**Achieves complete room flooding within 60 seconds. Suitable for Class A/B/C fires, particularly ideal for occupied spaces like data centers and telecommunication rooms.

**Flexible Storage Options:**Available in 200bar and 300bar pressure configurations, allowing optimized cylinder storage layout to save space and reduce costs.

**Low Maintenance and Reliability:**Nitrogen supply is stable and readily available. The system requires no special handling, ensuring low long-term operational costs.

#### 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 a professional manufacturer specializing in gas fire suppression systems.

Q2: Do you offer OEM products?

A2: Yes, we welcome your own designs and drawings.

Q3: Where is your factory located?

A3: Our factory is situated in the East Lake Industrial Park of XinTang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

Q4: How can I get to your factory?

A4: Due to convenient transportation, you can reach us by taxi or by subway. If taking the subway, please take Line 13 to Shacun Station. Before disembarking, kindly inform us in advance, and we will arrange for a comfortable business van to pick you up from there.



**Guangzhou Xinlin Fire Fighting Equipment Co., Ltd.**



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