

# DAMOTEK

equipment for extinguishers & cylinders

## IG - CRYO



**INERT GASES FILLING STATION FROM CRYOGENIC SUPPLY**

✓ IG01 ✓ IG100 ✓ IG55 ✓ IG541

LIN

LAR

## FILLING RAMPS WITH SUPPORT STRUCTURE AND WALKWAYS, DISTRIBUTION PANEL, FILLING SCALE, AND CO<sub>2</sub> HEATER

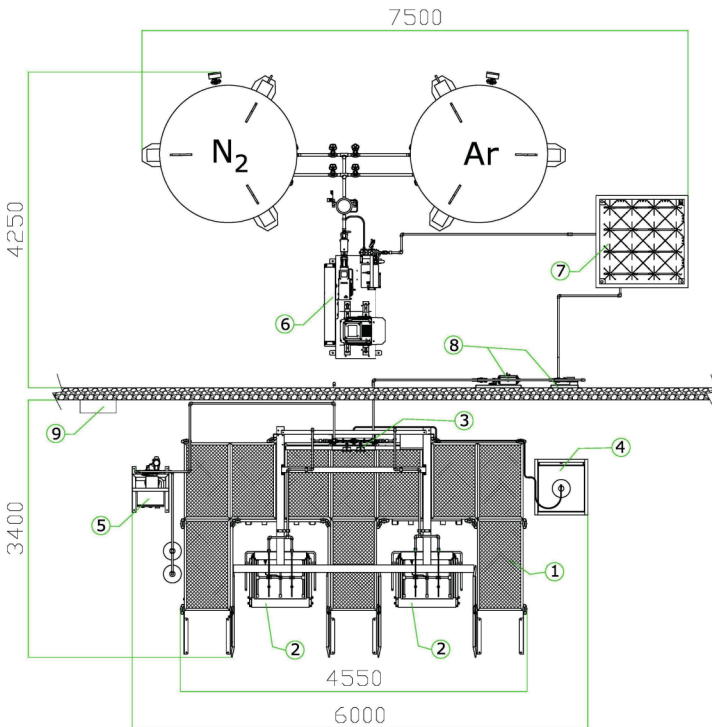


Damotek's IG-CRYO systems are designed for filling and mixing argon, nitrogen, and their mixing Argon, Nitrogen and CO<sub>2</sub> - IG01, IG100, IG55, IG541 - supplied by cryogenic gases liquefied in tanks.

The two filling stations can each accommodate a pallet of 9 cylinders, ensuring high productivity (18 80L cylinders in approx. 1.5 hours). The filling assistance system with reference scale and electrical panel for weight display allows the operator to control with precision the preparation of gas mixtures inside the cylinders. Thanks to the use of cryogenic fluid pumps, IG-CRYO systems significantly reduce the gas compression costs of traditional filling systems.

TECHNICAL SPECIFICATIONS	
MODEL	IG - CRYO
N° CYLINDERS	1+1 pallets, each holding 9 cylinders
PRODUCTIVITY	18 cylinders 80L in approx 1,5h
INTERIOR FLOORSPACE	20,4 m <sup>2</sup>
FILLING PRESSURE	300 BAR at 15°C
SUPPLY	LIN / LAR - CO <sub>2</sub> from cylinder
PRODUCTS	IG01 - IG100 - IG55 - IG541

# ATMOSPHERIC VAPORIZER AND CRYOGENIC PUMP WITH BYPASS VALVE



## LEGEND

1. Support structure and walkways in painted steel
2. Filling ramps for 9 cylinders in pallets with hoses and valve connections
3. Distribution and mixing panel
4. Reference scale and weight control
5. CO<sub>2</sub> Electric heating system
6. Cryogenic reciprocating pump with bypass valve
7. Atmospheric vaporizer
8. Security panel
9. PLC electrical control panel

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**FOR FORTY YEARS  
THE SAFE CHOICE  
FOR EXPERTS**

## THE LARGEST PRODUCT RANGE ON THE MARKET

**DCP & FOAM  
EXTINGUISHER FILLING**

**CO<sub>2</sub> CYLINDERS  
AND EXTINGUISHER FILLING**

**CLEAN AGENTS FILLING  
& RECOVERY**

**INERT GASES FILLING**

**CYLINDER TESTING &  
MAINTENANCE**

**REFRIGERANT GASES FILLING**



**DESIGNED &  
MANUFACTURED  
IN ITALY**

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