



## ★ DISTRIBUTION CRYOSTAR



## Equipment ★

Based on its expertise in the field of gas cylinder filling stations, Cryostar has developed its own equipment portfolio. Our product range includes valves and filling skids designed to meet demanding customer requirements.

### ★ Characteristics

Filling Chassis	400 bar
Cryostar Valves TCV 15	Dn15, 400 bar, modular concept

### ★ Filling Chassis

The Cryostar filling chassis exists in a number of different formats, including the complete chassis with automatic raise and lower function, the wall attached chassis with integrated raise and lower function and the manual chassis fixed to the floor.

- The complete chassis with automatic raise and lower function is supplied on a modular structured base in aluminium. These structures present a number of advantages including a protection cage, a pressure meter and operator gangplanks.
- The wall attached chassis creates less of an obstruction as it is attached directly to the wall. They incorporate an automatic raise and lower function which ensures a quick and safe release of the bottle cages.
- The manual chassis fixed to the floor is an ideal tool for less frequent bottle filling. This chassis will allow up to 16 bottles to be filled separately.

Each Cryostar filling chassis is equipped with flexible connections and can also be equipped with rapid bottle connections.

### ★ Quality

Each Cryostar system is thoroughly tested in our workshops, including:

- Pressure tests
- Electric, pneumatic and PLC tests
- Operational tests

Every Cryostar system is developed in compliance with the norms CE (PED, ATEX...)



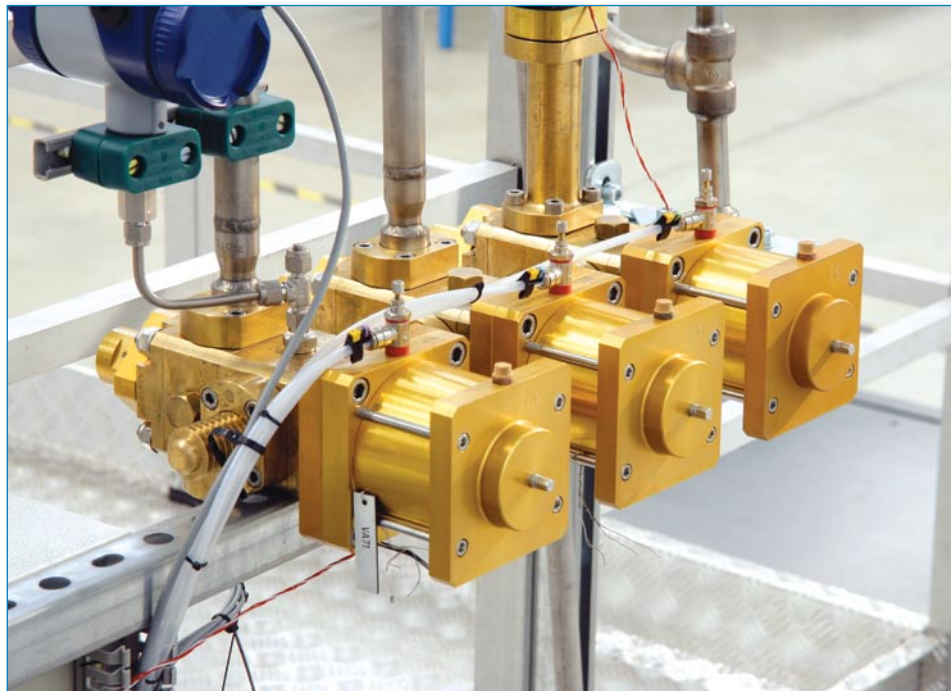
## ★ Cryostar Valve TCV 15

### Characteristics

Operation pressure	400 bar
Nominal diameter	15 mm
Spindle	Carodur coated with titanium
Seat	Monel
Internal Seal	EPDM
Actuator	NO or NF (if automatic)
Actuator casing	Aluminium
Limit switches	2 induction type with aluminium body

These high pressure valves have been developed within Cryostar by a team of engineers exploring and adapting solutions which respond specifically to customer filling needs. These valves therefore present the following advantages:

- Easy conversion from manual to automatic, whilst keeping the main body intact, including internal parts.
- Easy conversion from mode NF to NO without taking apart the bodywork of the valve.
- Possibility of changing the installation configurations (Modular valves)
- Increased reliability and reduced maintenance
- BAM approved for adiabatic compression in oxygen to a maximum of 400 bars.
- Delivered with test and oxygen degreasing certificates.
- Various accessories available including cylindrical interconnectors, heat dissipater, limit switches, straps and inlet on line filter.



*For more details please contact your local Cryostar representative*



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