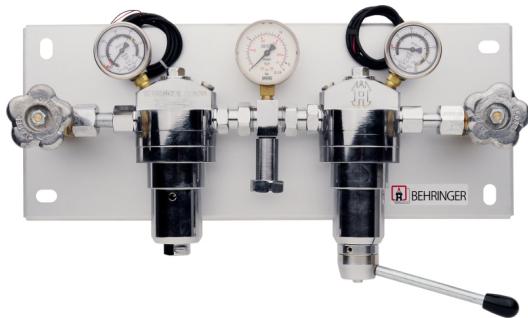


# Food gas equipments



## SENIOR/4 Semiautomatic manifold

### Product description

Manifold, suitable for use with food-grade gas, with automatic switching and manual reset using the lever on the pressure regulator to restore priority of use of the source. If one of the two sources is discharged, the system is fed automatically from the other source. The module includes two 451-type single-pressure gauge pressure regulators made of CW614N chemically nickel-plated brass, one pressure gauge to show the line pressure and two high pressure shut-off valves. The inlet connection is threaded W21.7x1/14" 'A', the outlet is fitted

with a Ø 22 mm weld-on pipe connector. Its maximum nitrogen capacity at 12 bar outlet pressure is 90 Nm<sup>3</sup>/h, 1500 NI/min. The two gauges of the pressure regulators have electrical contacts, are pre-calibrated with a 15 bar alarm threshold and can be connected to a central alarm to signal manifold empty. For easy wall mounting, all components are installed on an anodized aluminum plate.

### Normatives

UNI EN ISO 5171:2010 | UNI EN ISO 7291:2015 | UNI EN ISO 9001:2008

### Components

Two 451-type pressure regulators with body and cap made of CW614N chemically nickel-plated brass and pressure adjustment by stainless steel set screw.

Two overpressure discharge valves, integrated into the pressure regulators, made of CW614N chemically nickel-plated brass.

One W21.7x1/14" M R inlet.

One Ø22 mm weld-on pipe connector on the outlet.

Two shut-off valves made of CW614N brass.

Two 0-315 bar inlet pressure gauges with electric contacts, class 2.5.

One 0-16 bar outlet pressure gauge to show line pressure, range 0-16 bar, class 2.5.

Stainless steel springs.

Food-grade NBR diaphragms.

Silicone O-ring.

Teflon seat.

Nylon gaskets.

Galvanized steel reversing lever with black plastic tip.

Anodized aluminum mounting plate.

## Product codes

| GAS   |  | CODE    |
|---|--|---------|
| OXYGEN, CARBON DIOXIDE, NITROGEN, HELIUM, ARGON |  | HQAL016 |

## Technical data

| CODE    | Q max.                | P <sub>1</sub> max. | P <sub>2</sub> max. | INLET CONNECTION | OUTLET CONNECTION     | WEIGHT  |
|---------|-----------------------|---------------------|---------------------|------------------|-----------------------|---------|
| HQAL016 | 90 Nm <sup>3</sup> /h | 200 bar             | 12 bar              | W21,7x1/14" 'A'  | Pipe connector Ø22 mm | 11,0 kg |

## Technical Images

