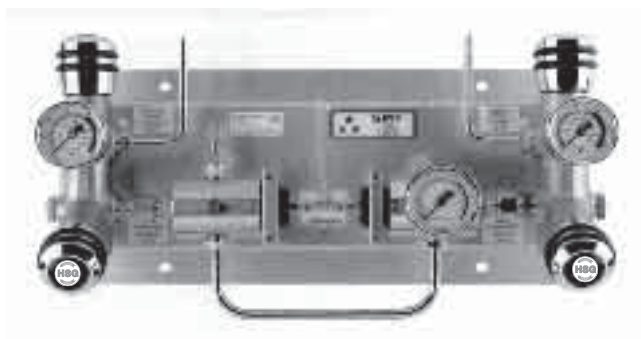


REGULATOR

SERIES HSG-TDL202 LABLINE SEMI-AUTOMATIC SWITCH OVER MANIFOLD - NON-CORROSIVE SERVICES

Description

The chromium plated brass, high purity semi-automatic switch over manifolds, Series HSG-TDL202, are designed for non-corrosive, high purity (up to grade N6) gas service, typically in the laboratory or process plant to ensure a continuous supply of gas from two or more high pressure source. Without transmitting pressure fluctuations to the use line, it automatically changes its source between a primary side and a reserve supply using the differential pressure between two sides of gas supply.



HSG-TDL202

Standard Specification

Maximum inlet pressure	: 2900 psig (200 bar)
Outlet pressure	: 145 psig (10 bar)
Change-over pressure	: 116 psig (8 bar)
Outlet port	: 1/4" NPT (F)
Temperature range	: -20°C to +50°C
Nominal flow	: 10 Nm ³ /h (N ₂)
Helium leak rate	: 10 ⁻⁸ mbar x l/sec
Weight	: 7.5 kg

Material Of Construction

Body	: Chrome plated brass
Value Seal	: PCTFE
O-ring	: EPDM
Bellow	: Bronze

Key Features

- Accurate gas handling with high pressure sources and equipment
- Insures a continuous supply of gas from two or more high pressure source
- One supply is in service, the other is in reserve
- When the service source is empty, it switches automatically to the reserve source
- Reset by turning the handle to reserve the cycle of the service and reserve supply source
- Reduce the need for continuous operator monitoring and provide the opportunity for safe cylinder replacement
- Dual block, diaphragm type valves for purge and supply gas management
- Convenient, safe and durable
- Ultra clean, decontaminated internals through multi-step cleaning process
- High leak tightness integrity prevention back diffusion of atmospheric contamination

Options

- Pig tails connections to the cylinder
- Extension board for two or more cylinders
- Non return valve on panel inlet connections
- Contact gauge, alarm system (sonic, visual)
- Downstream regulator or point of use panel
- Outlet diaphragm shut off valve