

Product Features

- Dual-side automatic changeover pressure control panel
- Y11/Y12 series pressure regulator structure
- Chrome-plated brass material, suitable for non-corrosive gases
- SS316L stainless steel material, suitable for corrosive and toxic gases
- Modular design
- Suitable for inlet pressure 300Bar
- Suitable for gas cylinder cabinets, easy installation
- Suitable for Oxygen

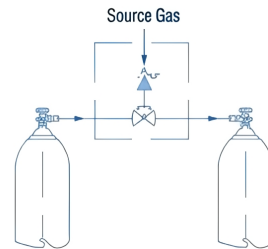
Product Applications

- Component testing
- Calibration systems
- Laboratory pressure control
- High-pressure sampling systems
- Equipment integration

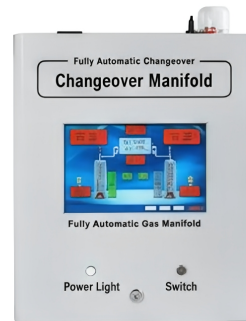
Technical Specifications

Type:	Double-stage regulator
Inlet pressure P_1 :	max. 300 bar
Outlet pressure P_2 :	2/4/10 bar
Material	
Regulator body:	(See Ordering Information)
Valve seat (regulator):	PCTFE
Diaphragm (regulator):	Hastelloy® C276
Filter:	SS 316L
Temp. range:	-30°C to +74°C
Leak rate (external):	1×10^{-6} mbar l/s He
(internal):	1×10^{-8} mbar l/s He
Weight:	Approx. 12.1kg

Principle of Operation



BMT33 Series



Dimensions



Ordering Information

BMT33S - 200 - 20 - DG - P - N2	
Body Material	Gas Type
S: 316L	Please specify gas type
C: Chrome-plated brass	Inlet/Outlet Gauges
B: Brass	P: Pressure Gauge (Psig/Bar)
	K: Electrical Contact Gauge (Psig/Bar)
Inlet Pressure P_1	D: With Purge Diaphragm Valves
40: 40 bar	G: Without Outlet Diaphragm Valve
100: 160 bar	K: With Outlet Diaphragm Valves
200: 160 bar	
200: 300 bar - with VDV30	
Outlet Pressure P_2	
2: to 2 bar	
4: to 6 bar	
10: to 10 bar	
25: to 30 bar	
35: to 60 bar	
K: to 80 bar	

Flow Characteristics

