

Automatic Pressure Control Box

VSP-9 Series

VIGOUR

Product Features

- Pressure control box with automatic switching function
- Digital display cylinder pressure and provide replacement reminder
- Audible and visual alarm, emergency cut-off
- Suitable for flammable gases
- Pneumatic diaphragm valve control
- Modular design, convenient maintenance
- Suitable for inlet pressure up to 300 bar
- Compact structure, easy installation
- Tested for use with oxygen



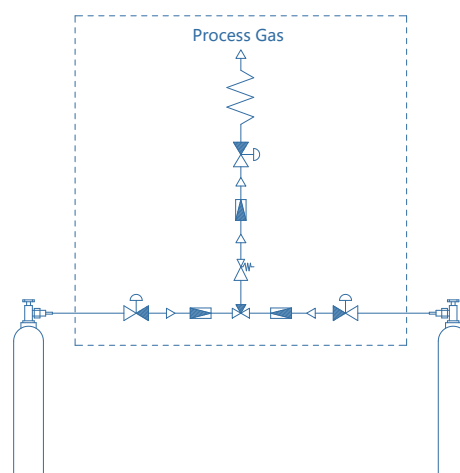
Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

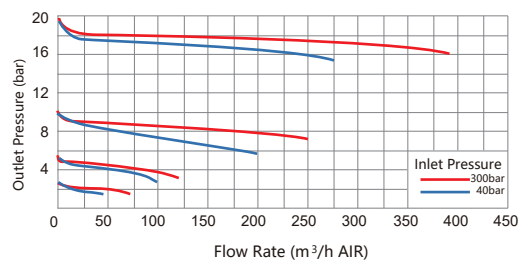
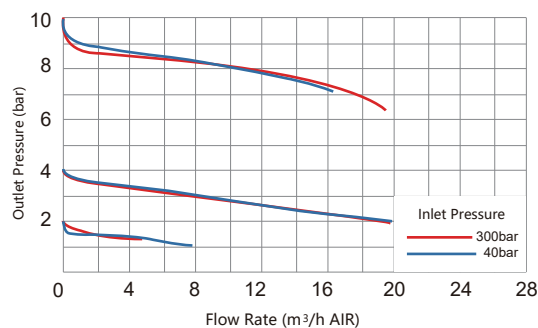
Technical Data

Type:	Automatic pressure control box
Inlet pressure P1:	Max. 300 bar
Outlet pressure P2:	2/4/10/20/35/50 bar
Materials	
Body regulator:	see ordering info
Valve seat (regulator) :	PCTFE
Diaphragm (regulator) :	Hastelloy®C276
Diaphragm (valve) :	Elgiloy®
Filter:	SS 316L
Temperature range:	-30°C to +74°C
Leak rate: (to atmosphere)	1x10 ⁻⁸ mbar l/s He
(Via seat)	1x10 ⁻⁶ mbar l/s He
Weight:	12.1 kg

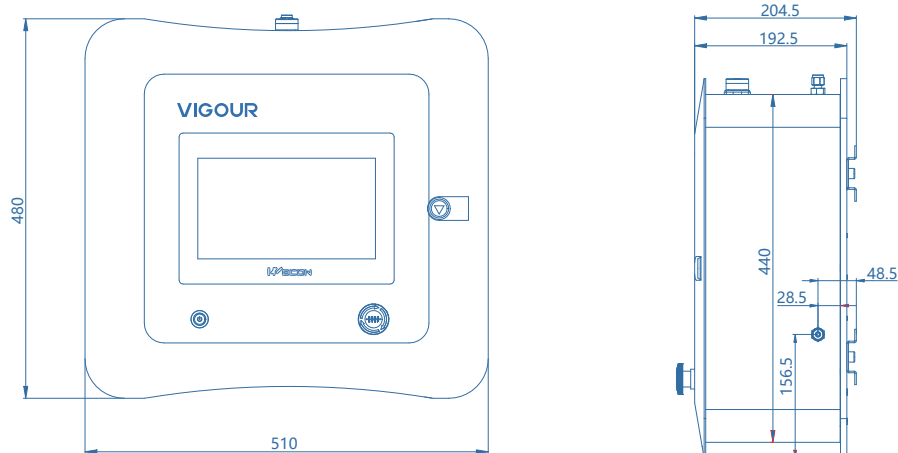
Schematic Drawing



Flow Chart



Dimensions (mm)



Ordering Information

VSP - 9S - 200 - 10 - 04 - 04 - N₂

Materials

S: 316L

C: Chrome plated brass

Inlet Pressure P1

40: 40 bar

100: 100 bar

200: 200 bar

300: 300 bar

Outlet Pressure P2

2: to 2 bar

4: to 4 bar

10: to 10 bar

20: to 20 bar

35: to 35 bar

50: to 50 bar

Gas Type

Please specify gas type

Outlet Gauge

04: 1/4" Tube fitting

08: 1/2" Tube fitting

Inlet Gauge

04: 1/4" Tube fitting

08: 1/2" Tube fitting

