

527 Series Automatic Switchover with Stainless Steel Components



The 527 Series Automatic Switchover is designed to provide a continuous supply of ultra high purity, corrosive gas. The system comes with either flexible pigtailed for use with two cylinders or manifold connectors for use with the Maniflex Modular Manifold System. Due to pressure differential considerations, an integral line regulator is available to maintain constant downstream pressure.

Materials of construction:

Bodies: 316L stainless steel barstock
Seats: PTFE
PCTFE with 4500 PSIG inlet
Filters: 10 micron sintered stainless steel
Diaphragm: 316L Stainless steel
Internal seals: PTFE

Specifications:

Maximum inlet pressure: 3000 PSIG (210 Bar)
4500 PSIG (300 Bar) Optional
Temperature range: -40°F to 140°F (-40°C to 60°C)
Gauges: 2" diameter stainless steel
Ports: ¼" MPT
Helium leak integrity: 1×10^{-8} scc/sec

4170 A Main Pearland, TX 77581 PH: 281-648-1894 FAX: 281-648-1895
www.dcgpartnership.com
E-mail: sales@dcgpartnership.com

Chromatographic Reference Materials



527 Series Automatic Switchover with Stainless Steel Components (continued)

Ordering Information

527	A	B	C	D	-CON
Series 527	Switching Pressure (Priority Right/Left) 1: 125 PSIG/105 PSIG 2: 70 PSIG/50 PSIG 3: 100 PSIG/75 PSIG 4: 200 PSIG/170 PSIG 5: 500 PSIG/470 PSIG 7: 150 PSIG/130 PSIG 8: 300 PSIG/270 PSIG	Inlet Connections 0: 1/4" FPT Ports 1: Flexible Stainless Steel Pigtails (36") 2: Manifold Connectors 3: Flexible Stainless Steel Pigtails (24") 4: Diaphragm Valves with 1/4" FPT Port 5: Diaphragm Valves with Pigtails (36") 6: Diaphragm Valves with Manifold Connectors 7: Diaphragm Valves with Pigtails (24") 8: Flexible PTFE-lined Pigtails (36") (4500 PSIG maximum inlet pressure)	Line Regulator 0: None 1: 0-15 PSIG 2: 0-50 PSIG 3: 0-100 PSIG 4: 0-250 PSIG 5: 0-400 PSIG 7: 0-150 PSIG	Assembly/Gauges 1: 0-4000 PSI/kPA Gauges* No alarm capability 2: 0-4000 BAR/PSI Gauges* No alarm capabilities 3: 0-4000 BAR/PSI* with Pressure Switches † and 110V Remote Alarm 4: 0-4000 BAR/PSI* with Pressure Switches † and 220V Remote Alarm 5: 0-600 BAR/PSI Gauges No alarm capability 6: 0-600 BAR/PSI* with Pressure Switches † and 110V Remote Alarm 7: 0-600 BAR/PSI* with Pressure Switches † and 220V Remote Alarm 8: 0-4000 BAR/PSI* with Pressure Switches † and without Remote Alarm * 0-6000 PSI gauges with 4500 PSIG max inlet option † Intrinsic safety barriers for flammable gas service or for use in hazardous environments	Pigtail Please specify Connection (if applicable) CGA DIN 477 BS 341 and others available

Related Options

- Stainless Steel Tee Purge Valves (5022015 & 5022016)
- Panel Mount Kit (5500002)

The above information was provided to DCG by the product manufacturer. DCG makes no additional warranties or representations.

4170 A Main Pearland, TX 77581 PH: 281-648-1894 FAX: 281-648-1895
www.dcgpartnership.com
E-mail: sales@dcgpartnership.com

Chromatographic Reference Materials