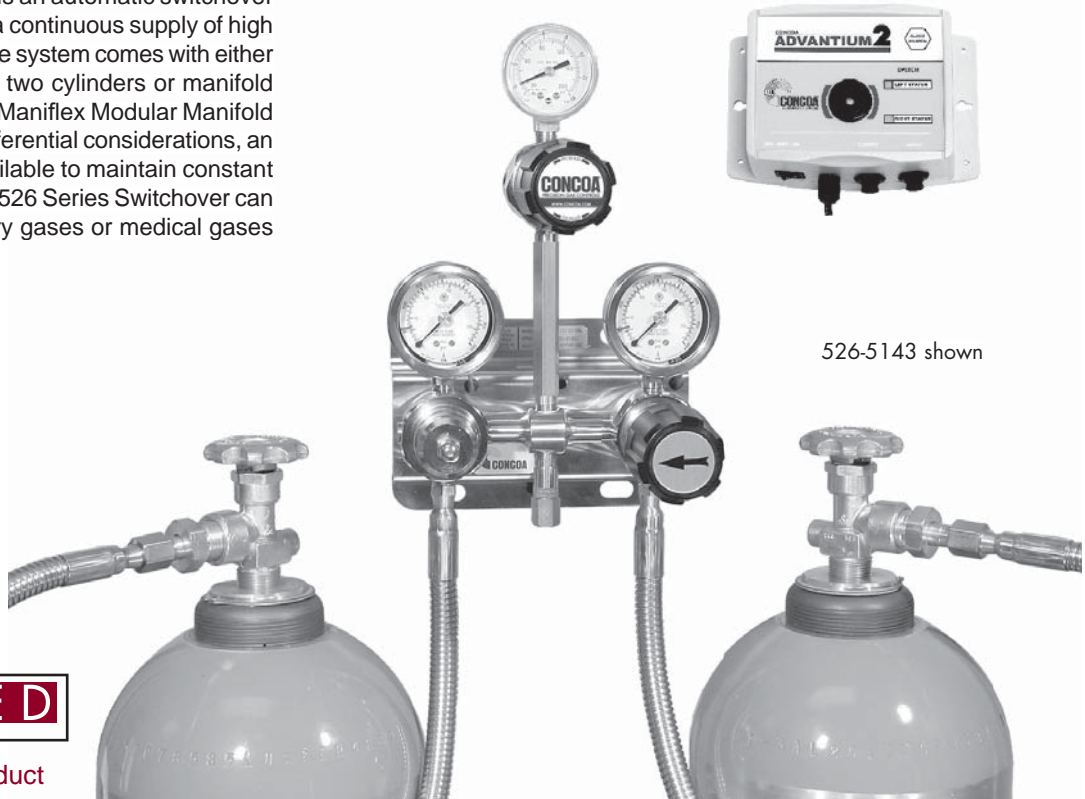




# Medical Gas Switchovers and Manifolds

## 526 Series Switchover

The 526 Series Switchover is an automatic switchover system designed to supply a continuous supply of high purity, non-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. The 526 Series Switchover can be used to supply laboratory gases or medical gases in a Level 3 system.



Ask About Our

**EXTENDED**  
WARRANTY

On This CONCOA Product

### Features

- 400 Series brass barstock regulators  
Capsule® seat
- Metal-to-metal diaphragm seal  
No possibility of gas contamination
- User-Friendly  
One knob switches cylinder priority
- Check valves in pigtail inlet glands  
Prevents contamination and back flow
- Compatible with Maniflex Manifolds  
Multiple cylinders per side
- Optional Line Regulator  
Stable line pressure during change over
- Optional Pressure Switches and Remote Alarm

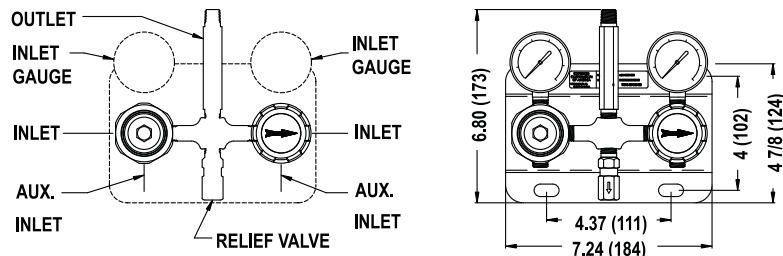
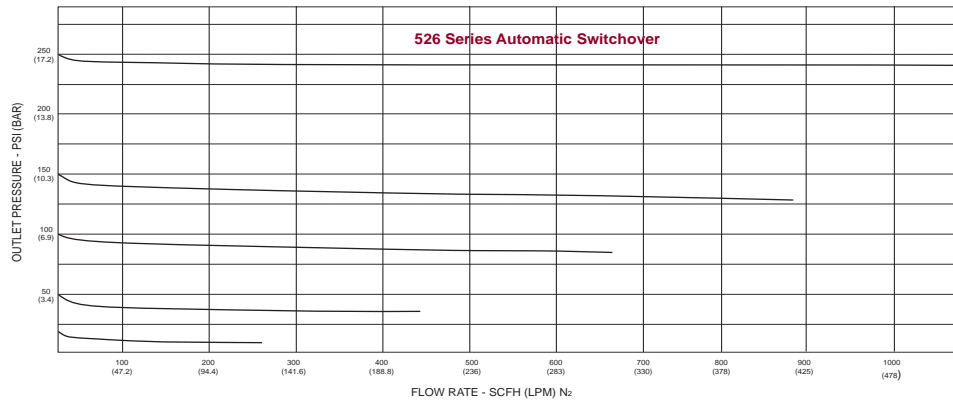
### Materials

- Bodies*  
Brass barstock
- Diaphragms*  
316L stainless steel
- Seats*  
PTFE  
PCTFE with 4500 PSIG inlet
- Filters*  
10-micron sintered bronze
- Internal Seals*  
PTFE

### Specifications

- Maximum Inlet Pressure*  
3000 PSIG (210 BAR)  
4500 PSIG (310 BAR) optional
- Temperature Range*  
-40°F to 140°F (-40°C to 60°C)
- Gauges*  
2" diameter brass
- Outlet Connection*  
¼" MPT (without line regulator)  
¼" FPT (with line regulator)
- Helium Leak Integrity*  
1 x 10<sup>-8</sup> scc/sec
- Cv*  
0.1
- Weight*  
8.25 lbs. (3.71 kg)

# Medical Gas Switchovers and Manifolds



526	A	B	C	D	-CON
Series 526	Switching Pressure (Priority R/L)	Inlet Connection	Line Regulator	Assembly	Pigtail
	4: 200/170 PSIG	0: ¼" FPT Ports	0: None	1: 0-4000 PSI/kPa Gauges* No alarm capability	Please specify inlet connection (if applicable)
	5: 500/470 PSIG	1: Flexible Stainless Steel Pigtails (36")	1: 0-15 PSIG	2: 0-4000 BAR/PSI Gauges* No alarm capability	
	7: 150/130 PSIG	2: Manifold Connectors*	2: 0-50 PSIG	3: 0-4000 BAR/PSI* with Pressure Switches† and 110V Remote Alarm	CGA DIN 477 BS 341 and others available
	8: 300/270 PSIG	3: Flexible Stainless Steel Pigtails (24")	3: 0-100 PSIG	4: 0-4000 BAR/PSI* with Pressure Switches† and 220V Remote Alarm	
		4: Diaphragm Valves with ¼" FPT Port	4: 0-250 PSIG	5: 0-600 BAR/PSI Gauges No alarm capability	
		5: Diaphragm Valves with Pigtails (36")	5: 0-400 PSIG	6: 0-600 BAR/PSI with Pressure Switches† and 110V Remote Alarm	
		6: Diaphragm Valves with Manifold Connectors*	7: 0-150 PSIG	7: 0-600 BAR/PSI with Pressure Switches† and 220V Remote Alarm	
		7: Diaphragm Valves with Pigtails (24")		8: 0-4000 BAR/PSI* with Pressure Switches† and without Remote Alarm	
				9: 0-600 BAR/PSI with Pressure Switch and Without Remote Alarm	
	NOTE: Switching pressure must be higher than line regulator pressure selected in column C .	* See pages 10-13 for manifold ordering information		*0-6000 PSI gauges with 4500 PSIG maximum inlet option †Intrinsic safety barriers are required for flammable gas service or for use in hazardous environments.	

For Level 3 systems see page 28 for correct DISS outlet fitting to order.