



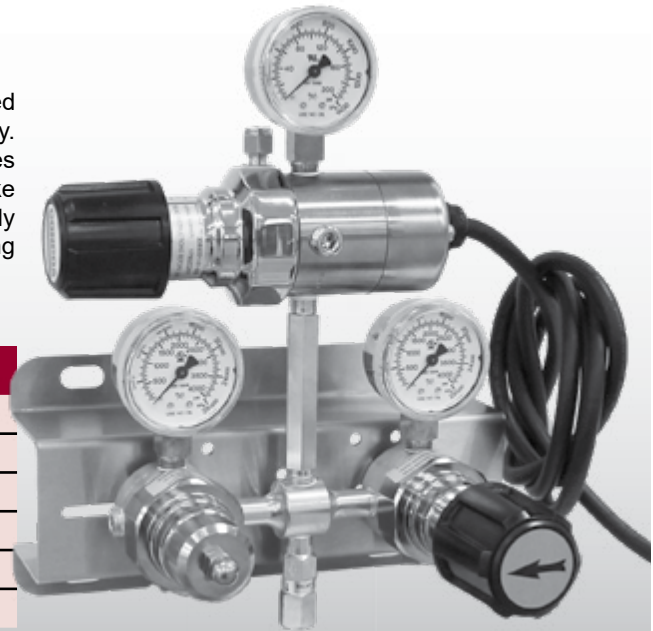
526 CD SERIES

Switchover

The 526 Series Switchover is an automatic switchover system designed to supply high purity Carbon Dioxide or Nitrous Oxide continuously. Integral heaters in the line regulator ensure a high flow of inert gases that are prone to freezing due to flow or Joule-Thomson effect. Unlike a separate device attached at the inlet or inlet, applying heat directly to the regulator eliminates the possibility of dry ice particulate forming in the seat and interrupting supply.

Typical Applications

- Cell culture incubators
- Atomic absorption grade Nitrous Oxide
- Bioreactors
- Beverage supply and analysis
- Modified atmosphere packaging
- Carbon Dioxide buffer reactions



526 E031 shown
Available with optional remote alarm.

Features	Materials	Specifications
<p>400/308 Series Brass Barstock Regulators CAPSULE® seat</p> <p>Metal-to-Metal Diaphragm Seal No possibility of gas contamination</p> <p>User-Friendly One knob switches cylinder priority</p> <p>Check Valves in Hose Inlet Glands Prevents contamination and back flow</p> <p>Compatible with Maniflex Manifolds Multiple cylinders per side</p> <p>Three 50-Watt Heaters Maintain gas flow without freezing or particulate formation</p> <p>Optional Remote Alarm Easy integration with Altos system CE marked universal voltage alarm</p> <p>Optional Purge Valves Allows purging after cylinder change over</p> <p>Optional Outlet Valve Allows isolation of pipeline</p>	<p>Bodies Brass barstock (inlet regulators) Chrome-plated brass barstock (line regulator)</p> <p>Diaphragms 316L stainless steel</p> <p>Seats PCTFE (inlet regulators) PTFE (line regulator)</p> <p>Filters 25 micron sintered bronze</p> <p>Internal Seals PTFE</p>	<p>Maximum Inlet Pressure 3000 PSIG (210 BAR)</p> <p>Temperature Range (Thermostat) 95°F to 120°F (35°C to 49°C)</p> <p>Heaters 3 @ 50 watts each (110 or 220 VAC)</p> <p>Gauges 2" (53mm) diameter brass</p> <p>Outlet Connection 1/4" FPT</p> <p>Transducers 0-6000 PSIG (4-20 mA output) Optional intrinsically safe models</p> <p>Helium Leak Integrity 1 x 10⁻⁸ scc/sec</p> <p>Cv 0.1</p> <p>Weight 8.5 lbs. (3.85 kg)</p>

CRN 0H15806.5

