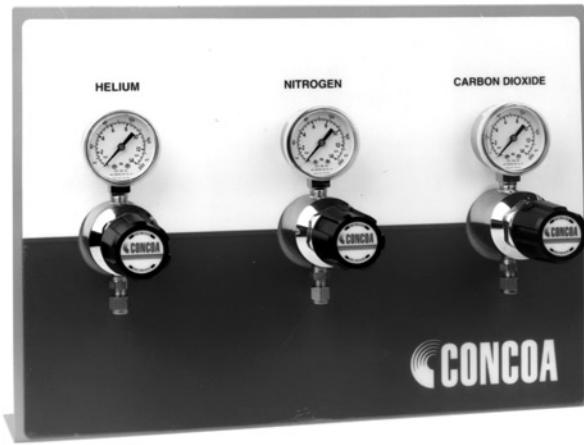


624 Series Gas Panels

The 624 Series is a three-regulator point-of-use panel designed to supply lasing gases to multiple sites from a central source. Adding another panel to the central supply reduces the gas equipment cost of future laser additions. The inlets and outlets are labeled for resonator gases. The regulator outlets are equipped with stainless steel compression tube fittings to ensure purity requirements.



624-2012 shown

Features	Materials	Specifications
<p><i>Laser Quality Brass Regulators</i> Capsule® seat</p> <p><i>Laser Quality Diaphragm and Seals</i> No possibility of gas contamination</p> <p><i>User Friendly Panel</i> Easily identifies the gas service</p> <p><i>Multiple Rear Inlet Connections</i> Maximum installation flexibility</p>	<p><i>Bodies</i> Brass barstock</p> <p><i>Diaphragms</i> 316L stainless steel</p> <p><i>Seats</i> PTFE</p> <p><i>Filters</i> 10-micron sintered bronze</p> <p><i>Internal Seals</i> PTFE</p> <p><i>Weight</i> 10.5 lbs. (4.73 kg)</p>	<p><i>Maximum Inlet Pressure</i> 3,000 PSIG (210 BAR)</p> <p><i>Temperature Range</i> -40 to 140°F (-40 to 60°C)</p> <p><i>Gauges</i> 2" diameter chrome-plated brass</p> <p><i>Outlet Connection</i> ¼" stainless steel compression tube</p> <p><i>Helium Leak Integrity</i> 1 x 10⁻⁸ scc/sec</p> <p><i>Cv</i> 0.1</p>

Ordering Information

624	A	B	C	D
Series 624	<p>Nominal Outlet Pressure</p> <p>1: 30 PSIG (2 BAR)</p> <p>2: 100 PSIG (7 BAR)</p> <p>4: 200 PSIG (14 BAR)</p>	<p>Inlet Connection</p> <p>0: ¼" FPT Port</p> <p>1: ¼" Stainless Steel Compression Tube</p> <p>2: Flexible 316 Stainless Steel Pigtail (36")</p> <p>3: Diaphragm Valve with ¼" NPT</p> <p>4: Diaphragm Valve with Stainless Steel Compression Tube</p> <p>5: Diaphragm Valve with Inlet Tee Purge</p>	<p>Outlet</p> <p>0: ¼" FPT Port</p> <p>1: ¼" Stainless Steel Compression Tube</p>	<p>Assembly/Gauges</p> <p>1: Standard Assembly (PSI/kPa)</p> <p>2: Standard Assembly (BAR/PSI)</p>