

Beam Purge Assembly

Designed to tap Nitrogen from a 623 Gas Delivery System, the 5239 Beam Purge Assembly supplies gas conveniently to purge the laser beam of a carbon dioxide industrial laser while ensuring the purity of the gas. The regulator with integral diaphragm valve may be connected directly to the low pressure port of a 623 or downstream of any high flow nitrogen source.



806-5239 shown

Regulator

Diaphragm Valve

Specifications

<p><i>Body</i> Brass barstock</p> <p><i>Bonnet</i> Chrome-plated die cast zinc</p> <p><i>Seat</i> PTFE</p> <p><i>Filter</i> 10-micron sintered bronze</p> <p><i>Diaphragm</i> 316L stainless steel</p> <p><i>Internal Seals</i> PTFE</p>	<p><i>Bodies and Fittings</i> Chrome-plated brass</p> <p><i>Diaphragms</i> Elgiloy®</p> <p><i>Seats</i> PCTFE</p> <p><i>Seals</i> Metal to metal</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>Gauge (PSI/BAR)</i> 2" diameter chrome-plated brass</p> <p><i>Inlet Connection</i> ¼" MPT</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> 0.17</p>
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Ordering Information

Part Number	Description
806-5239 835-0204	Beam Purge Assembly including regulator and diaphragm valve Rear panel mounting bracket kit