

# Beam Purge

Supply

# 5239 SERIES

## 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.

8065239-01-1 shown

Regulator	Diaphragm Valve	Specifications
<b>Body</b> Brass barstock	<b>Body</b> Chrome-plated brass	<b>Maximum Inlet Pressure</b> 3000 PSIG (210 BAR)
<b>Bonnet</b> Chrome-plated die cast zinc	<b>Diaphragms</b> Elgiloy®	<b>Temperature Range</b> -40°F to 140°F (-40°C to 60°C)
<b>Seat</b> PTFE	<b>Seats</b> PTFE	<b>Gauge (PSIG/BAR)</b> 2" diameter brass
<b>Filter</b> 10-micron stainless steel	<b>Seals</b> Metal to Metal	<b>Connections</b> ¼" stainless steel compression tube fitting
<b>Diaphragm</b> 316L stainless steel		<b>Helium Leak Integrity</b> 1 x 10 <sup>-8</sup> scc/sec
		<b>Cv</b> 0.17

## Ordering Information

Part Number	Description
8065239-01-1	Beam Purge Assembly including regulator and diaphragm valve
8350204	Rear panel mounting bracket kit