

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

Ordering Information

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