



Beam Purge Supply

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

- Body**
Brass barstock
- Bonnet**
Chrome-plated die cast zinc
- Seat**
PTFE
- Filter**
10-micron sintered bronze
- Diaphragm**
316L stainless steel
- Internal Seals**
PTFE

Diaphragm Valve

- Bodies and Fittings**
Chrome-plated brass
- Diaphragms**
Elgiloy®
- Seats**
PCTFE
- Seals**
Metal to metal

Specifications

- Maximum Inlet Pressure**
3,000 PSIG (210 BAR)
- Temperature Range**
-40 to 140°F (-40 to 60°C)
- Gauge (PSI/BAR)**
2" diameter chrome-plated brass
- Inlet Connection**
1/4" MPT
- Outlet Connection**
1/4" stainless steel compression tube
- Helium Leak Integrity**
1 x 10 scc/sec
- Cv**
0.17

Ordering Information

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