

Catamount Series

High Purity Gas Control Assemblies

The Catamount Series High Purity Gas Control Assemblies are designed to control the pressure or flow of inert gases used in the microelectronics and fiber optic industries.

Features

All 316L SST components. IO Ra surface finish.
Electropolished wetted surfaces.
High quality Tescom and Ashcroft/Wise components.
Welded or assembled in a class I00 cleanroom.
Assemblies are helium leak checked to 1×10^{-9} .

Benefits

Clean, uncontaminated process and purge gases.
Steady and consistent gas pressure.
Reliable and repeatable process conditions.
Fast and simple installation.



Capabilities

- Inlet pressures up to 3000 psig; outlet pressures up to 500 psig.
- Standard 1/4" assemblies will handle flows up to 100 lpm (N₂); standard 1/2" units are capable of handling flows of up to 550 lpm.
- Custom units can handle flows up to 900.
- Standard units will handle Argon, Helium, Hydrogen, Nitrogen, Oxygen, and a variety of other non-corrosive, non-toxic gases.

All standard units are comprised of a Tescom high purity pressure regulator and an Ashcroft high purity pressure gauge.

Optional items include, but are not limited to: inlet or outlet valves; an outlet filter; purifiers; check valves; pressure transducers; and mass flow controllers.

For further information, please complete the application summary on the other side of this sheet, or contact your local Sentrol, Inc. sales representative.



1 Roberts Road
Plymouth, Massachusetts 02360
(508) 830-0458; Fx:(508) 830-0248
sales@nesentrol.com
www.nesentrol.com



catamount series

High Purity Gas Control Assemblies

Applications

- ◆ Facilities drops off bulk gas lines.
- ◆ Point of use pressure control.
- ◆ Purge gas control for toxic and corrosive gas lines.
- ◆ Pressure control for liquid delivery system.

Custom lengths available.

Miniature assemblies for space constrained applications. Standard configurations available from stock.

Catamount Series Application Information

Gas:----- Inlet pressure (psig): -----

Desired control range/setpoint:----- Flow rate:----- LPM

Line size: ----- Inlet & outlet connections desired: -----

End to end length requested or space restrictions: -----

Optional components requested: -----

Fax application information to (508) 830-0458.



1 Roberts Road,
Plymouth, Massachusetts
02360
(508) 830-0458; Fx:(508) 830-0248
sales@nesentrol.com
www.nesentrol.com