Nano Semi 1000 Series Gas Cabinet for Flammable Gases

GAS CABINETS

Description: The Nano Semi 1000 Series gas cabinets are designed to meet the safe storage requirements for flammable gases while conforming to the guidelines provided in the applicable national codes, such as the International Fire Code (IFC), International Building Code (IBC), International Mechanical Code (IMC) and the National Fire Protection Agency (NFPA).

The flammable group of cabinets includes a process panel with regulator, gas detector and automatic flow shutoff valve.

A cabinet top controller is provided as a standard with the cabinet to provide automated control of all critical functions such as emergency shut- off, alarm outputs and exhaust pressure switch. Additional options such as automatic switchover, integrated scales, adjustable cylinder shelves, and restrictive flow orifices are available to meet your specific process requirements.

Gas Cabinets

Standard Configurations

Nano Semi 1000 Series Flammable Gas Cabinet

24" wide steel cylinder cabinet with individual process panel to house one process cylinder and one spare cylinder. A gas detector and control box mounted to the top of the cabinet provides a means of shutting down the system in the event of a leak. Clean room assembly with VCR connections.

Design Features

Designed for code conformance
11-gauge steel cabinet construction with self-closing doors and windows and internal sprinkler head

Protects personnel
Safely exhausts hazardous gases

Gas detection with cabinet mounted display
View gas levels from outside the cabinet, automatic shutdown at alarm levels

Cabinet Top Controller
Auto shutdown of process gas panels with emergency shutdown button

Facilities Requirements

Power	115 V	N/A
Pneumatic Supply (N$_2$ or clean, dry air)	adjustable to 90 psig	1 slm max.
Process Vent	>1.0" WC	100 slm
Sprinkler	30 psig	31 gpm
Exhaust	>0.15" H20	300scfm (2-cylinder)

Please call 1-800-282-1524 for technical sales and support of this product.