

## Nano Semi 2000 Series Gas Cabinet for Toxic and Corrosive Gases

GAS CABINETS



**Description:** The Nano Semi 2000 Series gas cabinets are designed to meet the safe storage requirements for toxic and corrosive 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 toxic and corrosive 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.

### Standard Configurations

#### Nano Semi 2000 Series Toxic and Corrosive Gas Cabinet

24" wide steel cylinder cabinet with individual stainless steel pressure regulator to house one process cylinder and a purge gas cylinder mounted inside the cabinet. 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/3A	N/A
Pneumatic Supply (N <sub>2</sub> or clean, dry air)	adjustable to 90 psig	1 slm max.
Process Purge (N <sub>2</sub> cylinder)	adjustable to 80 psig	30 slm
Vacuum Drive (N <sub>2</sub> from cylinder or house line)	adjustable to 85 psig	85 slm max
Process Vent	>1.0" WC	100 slm
Sprinkler	30 psig	31 gpm
Exhaust	>0.15" H <sub>2</sub> O	300scfm (2-cylinder)

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