

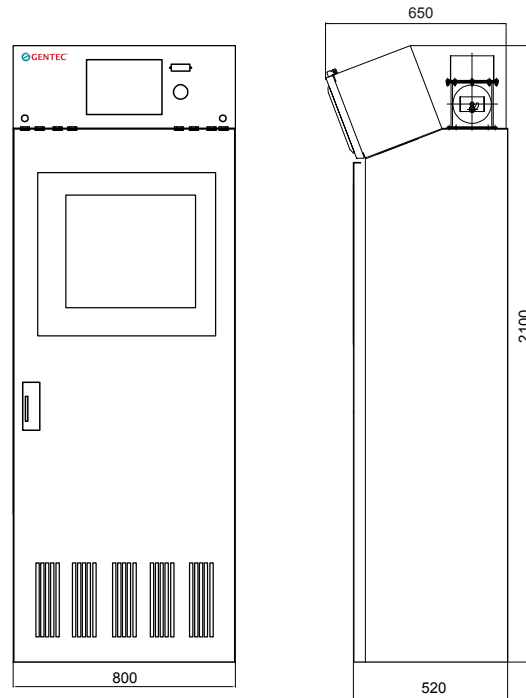
SGC SERIES GAS CABINET

GENTEC® SGC series UHP gas cabinet is designed for a broad range of cylinder gas storage and delivery applications for the semi-conductor industry. From one cylinder configuration to multiple cylinders, the SGC can be custom-tailored to meet customer demands. Multiple cylinder systems have a built-in auto-changeover design to ensure a continuous supply of gas. Each SGC UHP Gas Rack features a (HMI) touch screen for real-time monitoring, alarms, and data recording.



Features

- Equipped with pressure switches and electronic scale to monitor the gas source in real time and automatically changes-over to provide an uninterrupted supply of gas
- Automatic purging function to eliminate hazardous gas.
- Ethernet and RS485 communication interface for remote monitoring and alarm. Expandable to dual touch-screen display
- Optional remote monitoring via mobile App or SMS messaging
- Wetted valves and components constructed with stainless 316L or VAR construction with surface finish 10 Ra average or better
- UHP orbital welded tubing and valves with face seal (VCR) connections provides high leak rate integrity
- Equipped with pressure transducer, flow switch, high temperature probe and other parts for real-time monitoring
- Complies to SEMITM S2 Safety Guidelines for Semiconductor Manufacturing Equipment
- The panels are assembled in a class 100 clean room
- Helium lead tested to 1.0×10^{-9} atm-cc/s

Dimensions (mm)

Ordering Information

SGC	10	- SiH₄	- 4	x 2
Series	Control Type	Gas Type	System Specification	Number of Outlets
SGC Gas Cabinet	10: Two cylinders design, Fully Automatic 20: Two cylinders design, Auto changeover	SiH ₄ : Silane NH ₃ : Ammonia H ₂ : Hydrogen	4: 1/4" 6: 3/8"	Blank: One outlet 2: Two outlets