

Connected Gas Cabinet

The new generation Gas Cabinet is designed for all process gas applications ensuring both **continuous** fully automatic dispense to process and incoming gas **purity** integrity.

This innovative and fully connected Gas Cabinet ensures **safety** and prevents any risk for personnel, equipment and installation.



→ Applications

- Delivery of most flammable, toxic, corrosive & oxidizing gases
- High flow delivery for pressurized and liquefied gases
- From semiconductor to other industrial markets



- All time status with smartphone wireless communication
- Maintenance & parameters settings through wireless or wired connection
- Easy & quick day-to-day operation with a rotation HMI
- High flow liquefied gas dispense thanks to patented AVP (All Vapor Phase) technology
- Best maintenance due to an innovative components integration design



Product description

Features

- Status monitored through touch screen or wireless communications with smartphone, tablet or computer,
- Choice of wireless and wired connection for parameters settings
- Ethernet modbus connection for supervision,
- Dynamic IP address modification through the HMI,
- Real-time information: simple schematic, pressure, weight & alarms,
- User-friendly screen interface,
- Automatic purge modes: cylinder change and maintenance,
- Compatible with all cylinder types,
- Increased uptime to the point of use,
- Maintained source gas purity.

Safety features

- Exhaust flow alarm,
- External shutdown management,
- Several alarm settings for best operation,
- High level of security with multi-level user passwords,
- Automatic dispense and purge minimizing human errors.

Options

- Touch tablet for maintenance,
- Dedicated purge panel,
- Cylinder heating system & AVP,
- Weight scale control,
- UHP (Ultra High Purity) filters,
- Flow switch,
- Double containment pipe pressure management,
- Start-up assistance and training,
- Wifi communication module.

Reliability

- MTBF*: 8,760 hours
- MTTR**: <2 hours
- Uptime: 99.9993%

*Mean Time Between Failure ** Mean Time To Repair

Technical specifications

Utilities requirements

| | | |
|------------------------------|-----------------------|---------|
| Venturi service nitrogen | 6 bar (84 psi) | 50 slpm |
| UHP purge nitrogen | 6 bar (87 psi) | 10 slpm |
| Clean dry air | 6 bar (87 psi) | 10 slpm |
| Extraction minimum flow rate | 380m ³ /h | |
| Electricity (power & ground) | 110-240 VAC, 50/60 Hz | |

Dimensions

| | Enclosure |
|--------|---------------|
| Length | 2,000mm (79") |
| Width | 680mm (27") |
| Depth | 533mm (21") |

Certifications

CE Mark
Other on request

Contacts

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