

Dual cylinder Gas Cabinet for production application

GAS'BOT PRO is a professional dual cylinder cabinet for continuous gas supply to point of use. With advanced controls, process monitoring functionality and connectivity our PRO Series is the right choice for any production application.

Safe design

A precise selection of dedicated components and many years of experience enable SEMPA SYSTEMS to build best in class gas systems of the highest quality combined with an unsurpassed level of safety. In case of emergency situations an automated shut of valve closes the gas supply to the facility.

Maximum performance

GAS'BOT PRO ensures seamless supply by automated switchover of two gas cylinders. The switch over is triggered by pressure sensors which precisely maintain the desired supply pressure in the feed lines.

Full automation is enabled by a PLC and the system can be operated through a touch panel. The operator friendly design features a safety window making visual inspections and manual pressure gauge operations efficient and safe.

Customized to your needs

GAS'BOT's are available in three basic versions meeting different process needs and budgets. Any System can be adapted very precisely to your requirements through a variety of available options.

Complete your GAS'BOT with ECS1, the Emergency Cylinder Shutter – an add-on safety device optionally available for all GAS'BOT versions.



PRO Features

- PLC automated dual cylinder cabinet
- Safe operation due automated programs
- Uninterrupted supply by automated switch over
- Production oriented system design

Configure your GAS'BOT

Many options help to configure the system exactly to your application and type of gas.



Unsurpassed Safety

- Proven Gas , Smoke, UV-IR Sensors
- Design according ATEX where applicable
- SEMI S2 certification
- Coax tubing and monitoring
- Overpressure protection



Gas specific Solutions

- Low gas pressure optimization
- Cylinder, panel, trace heating and cooling
- High flow systems
- High alloy steel design for corrosive gases
- Cylinder scales
- Abatement solutions

Please contact us to customize your GAS'BOT. Our experienced engineers will be happy to assist you.

Your GAS'BOT for every application

GAS'BOT is available in three basic versions meeting different process needs and budgets.

For any questions or to check out SMART and EXPERT visit us at www.sempa.de or get in touch through sales@sempa.de

Technical Data

Dimension:

800 (w) x 2350 (h) x 600 (d)

Weight:

~ 460 kg

Electrical Connection:

1 x 110 - 240 V-AC

50/60 Hz NSV

Inlets:

1 x 1/4" VCR male Purge (5-7 bar)

1 x 1/4" VCR male Venturi (5-7 bar)

1 x 1/4" Swagelok Connection dry pneumatic air

(4-7 bar)

1 x 1/2" G Sprinkler (2-3 bar)

Outlets:

1 x 1/4" VCR male Process lines

1 x 1/2" VCR male Venturi

1 x 4" (101. mm x 1.2 mm) Exhaust

