

## SMART PRODUCTS

### Series oxygen Generator ◀



SMART series PSA oxygen generators are developed for small health care institutions, especially for low flow, continuous medical oxygen demand. A stand alone system with highly compact , plug and run design and wide applicabilities. SMART series PSA oxygen generators are excellent in performance, reliability and convenience.

#### Product features:

- **Compact:** Built-in high quality oil-injected screw compressor, dryer and Multi-stage filters;
- **Reliable and stable:** 7\*24hrs design, no performance degradation;
- **Low Noise:** Sturdy and noise reduction industrial cabinet;
- **Convenient and easy installation:** Plug in and run design. Heavy duty casters, allowing easy and time saving installation;
- **High Efficiency:** Low power consumption;
- **Reliable:** Time-proven PSA technology;
- **Wide applicabilities:** Many model and function options.

#### CAN GAS SYSTEMS COMPANY LIMITED

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Fax: +86 10 63338230

E-mail: [sales@can-gas.com](mailto:sales@can-gas.com)

Website: [www.can-gas.net](http://www.can-gas.net)

**Time-proven CanGas® medical gas system and engineering solutions, unique multiple protection and redundancy backup design, ensure worry-free supply of medical gas at site.**

#### SMART Oxygen Generator Package Specification:

(For different power supply, please consult with CAN GAS sales for more details.)

Model	SMART CAP-O-3/2C	SMART CAP-O-3/3C	SMART CAP-O-5/5C
O <sub>2</sub> Purity	93%±3%		
O <sub>2</sub> Flow Rate	2-2.5Nm <sup>3</sup> /h	3Nm <sup>3</sup> /h	5Nm <sup>3</sup> /h
O <sub>2</sub> Delivery Pressure	0.4MPa		
Installed Power	5.0kW, 380V/50Hz 3PH		8.5kW,380V/50Hz 3PH
Dimension	1600*900*1600(mm)		
Weight	650Kg		750Kg
Jobsite Altitude	≤2000m		



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# PRODUCTS

## SMART

### Oxygen Generator Modular ◀



#### Product features:

- **Credibility:** All SMART O<sub>2</sub> generators modulars are manufactured and tested in CAN GAS ISO9001, ISO45001/14001 certificated factory and strictly quality controlled in accordance to ISO13485, YY, GB related medical equipment standards;
- **Reliable and stable:** 7\*24hrs design, time-proven CanGas<sup>®</sup> PSA technology;
- **Low Noise:** Sturdy and noise reduction industrial cabinet;
- **Convenient and easy installation:** Plug in and run design. Heavy duty casters, allowing easy and time saving installation;
- **High Efficiency:** Low power consumption;
- **Wide applicabilities:** Many model and function options.

Model	CAP-O-3/2C	CAP-O-3/3C	CAP-O-5/5C
O <sub>2</sub> Purity	93%±3%		
O <sub>2</sub> Flow Rate	2-2.5Nm <sup>3</sup> /h	3.0Nm <sup>3</sup> /h	5.0Nm <sup>3</sup> /h
O <sub>2</sub> Outlet Size	G1/2"		
O <sub>2</sub> Delivery Pressure	0.4MPa		
Installed Power	0.3kW, 220V/50Hz/60Hz 1PH		
Dimension	450*900*1600(mm)		
Weight	280Kg		380Kg

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# SMART CAWG Desiccant Dryer

## ► Clean Dry Compressed Air System



The SMART CAWG can work with SMART air unit (integrated air source with CanGas® SMART Series O<sub>2</sub> generator above) to optimize air drying system, designed to make SMART O<sub>2</sub> generator package delivering consistent high performance over an extended period, to ensure a long operational life.

### Product features:

- **Compact:** Standard modular design, compact and small footprint;
- **Reliable and stable:** Time-proven CanGas technology, high performance;
- **Economic:** Combined drying design, low air consumption;
- **Auto-control:** PLC control, optional CANBUS touch screen control, offering real-time information;
- **Convenient:** One unit, duplex and multiple units can be deployed easily, heavy duty casters, allowing easy and time saving installation.

Model	CAWG - 16C	CAWG - 24C
Capacity	1.6m <sup>3</sup> /min	2.4m <sup>3</sup> /min
Dew Point	- 20°C / - 40°C	
Mini-working pressure	0.4MPa	
Max-working pressure	1.0MPa	
Minimum working temperature	2°C	
Maximum working temperature	50°C	
Maximum environment temperature	55°C	
Installed power	0.3kW, 220V 1PH	
Size	450*900*1600(mm)	
Connection size	G1/2"	
Weight	200kg	280kg



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