



All-in-one

Medical Oxygen Generation System



All-in-one medical oxygen generation system



High performance



Advanced integration



Cutting-edge technology



Air Compressor



Refrigerator



Filters



Air receiver



Remote monitoring center



High efficiency bacterial filter



Oxygen flow meter



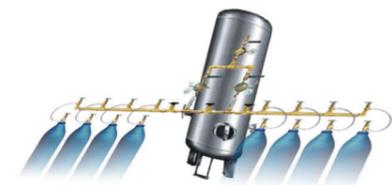
Oxygen concentration analyzer



Oxygen generator



Oxygen receiver



VSD highly integrated

All-in-one oxygen generation system

PSA large-scale

All-in-one oxygen generator



Professional layout
Professional piping layout reduces internal energy waste

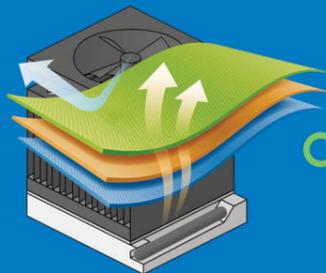
Plug and play
Plug and play for medical oxygen

Exhaust path
Independent duct for exhausting heat and Nitrogen

Super precision filtration
Multiple filtration (super precision) guarantees clean air and oxygen

Medical oxygen supply
Oxygen Purity is 93±3%

Oxygen Purity
93%



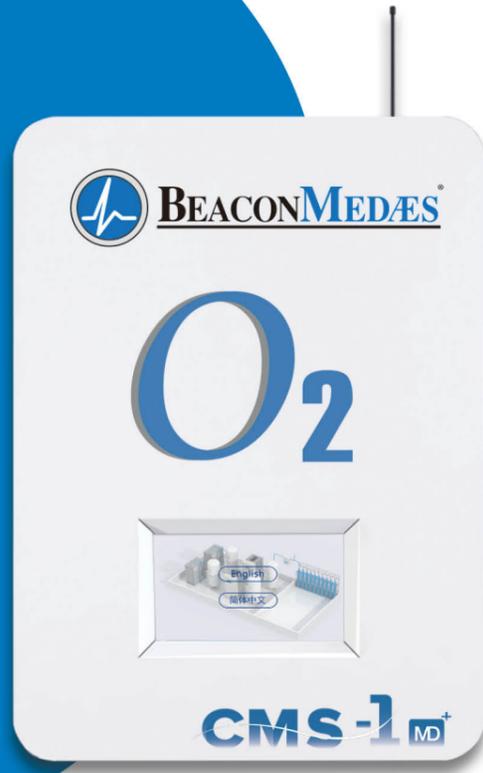
Exhaust path
Independent duct for exhausting heat and Nitrogen

Integrated design
Compact structure



Smart control system

Smart Control System is a device for oxygen generator central control. It controls on/off cycles for better energy consumption and performance efficiency via intelligent analysis.



Smart control

Monitoring and controlling oxygen consumption, oxygen pressure, the Systems smartly manages on/off of multiple units, and ensures proper oxygen output with quicker response and better energy consumption.



Dynamic back-up

The difference between cumulative hours of each connected and controlled unit is less than 1 hour. Lower service expenses.

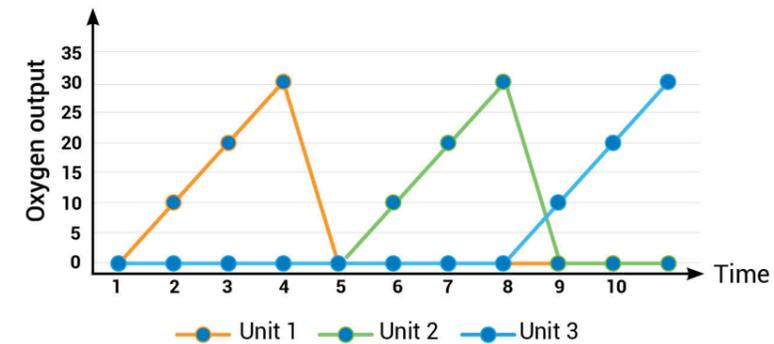
Connected monitoring and control

Main pipe oxygen purity, oxygen pressure, air pressure, flow rate, etc. are monitored via IOT with historical data displayed through figures and line charts. It makes unit operation and troubleshooting easier, and reduces workload.

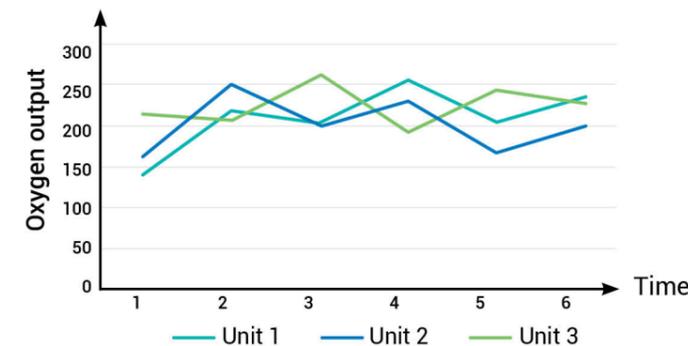


Multiple units controlled by the smart control system

Controlled on/off cycles for better energy consumption and performance efficiency via intelligent analysis.



Smart Control System (NOT in use): A single unit is constantly running while others idling. Poor efficiency and unbalanced running time.



Smart Control System (IN use): Better energy saving, performance and equal running time of each machine thanks to the intelligent on/off management of multiple units by Smart Control System.

PSA Large-scale All-in-one oxygen generator

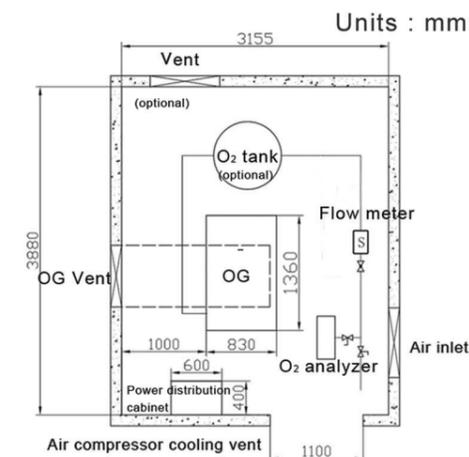
System family



Specifications

Type	Oxygen flowrate (m³/h)	Oxygen purity (%)	Oxygen pressure (MPa)	Noise level dB (A)	L*W*H (mm)	Weight (Kg)	Power supply	Power (Kw)
G Series								
BMO-100 G	3	93±3%	0.45	<68	1380*825*1900	590	AC380V 50Hz / AC460V 60Hz (Optional)	5.5
BMO-150 G	5					620		7.5
BMO-200 G	8					650		11
BMO-300 G	10					650		11
VSD Series								
BMO-150 V	6	93±3%	0.45	<66	1620*825*1680	520	AC380V 50Hz / AC460V 60Hz (Optional)	7.5
BMO-200 V	8					550		11
BMO-300 V	10					650		15
BMO-600 G	15			1250*1120*1820	980	18		
BMO-700 G	18				1100	22		
BMO-800 G	20				1220	26		
BMO-900 G	25	<68	24000*1120*1820	1400	30			
BMO-100 OG	30			1450	37			
IC Series								
BMO-10 (High)	0.6	93±3%	0.40	<55	680*445*780	66	AC220V 50Hz / AC110V 60Hz (Optional)	1.1
BMO-10 (Low)	0.6		0.055			59		0.8
BMO-20 (High)	1.2		0.40			102		1.8
BMO-20 (Low)	1.2		0.055	95	1.6			
BMO-50	1.8-2.4		0.40	<68	820*585*1820	215-245		3.5-4.5

*The specifications in this brochure are subject to change without notice.





Life is in the details.[®]

