

# OXYGEN GENERATOR SERIES



## PSA (Pressure Swing Adsorption) Oxygen Generator Series

Our on-site oxygen turnkey system has been innovated in self-contained oil free air compressor with molecular sieve by patent compact modular designed. This bold and creative technology is maturely accomplished by our promising R & D team. These ultimate plug & play machines are on fully automatic and unattended operation which provide extended service life without any regular maintenances.

### Applications

- ◆ Waste/Water Treatment- Fish Farming/Aquaculture.
- ◆ Thermal/Chemical Oxidation- Environmental Remediation.
- ◆ Glass Work/Manufacturing/Blowing- Paper/Pulp.
- ◆ Veterinary Medicine-Industrial Combustion.
- ◆ Welding/Brazing/Soldering- Ozone Generation.
- ◆ Beauty and Medical Care.



## Technical Specifications

Model	OX-5L	OX-20L	OX-50L
Oxygen Outflow	0.3M <sup>3</sup> /H (5L/min)	1.2M <sup>3</sup> /H (20L/min)	3M <sup>3</sup> /H (50L/min)
Power Consumption	600W	2.3KW	5.5KW
Containing Air Compressor	1HP	3HP	7.3HP
Voltage(VAC)	1Ø 220V	3Ø 380V	3Ø 380V
Outlet Diameter	6mm	1/4"	1/2"
Outlet Pressure	0.3kg/cm(5 psi)	0.3kg/cm(5 psi)	0.3kg/cm(5 psi)
High Pressure Compressor		6~7kg/cm (85~100 psi)	6~7kg/cm (85~100 psi)
Special Pressure Compressor (Optional)		6~9kg/cm (85~130 psi)	6~9kg/cm (85~130 psi)

### FEATURES

All models are available in a variety of electrical configurations. Designed to produce. Output concentration, resulting in approximately 90% ± 3% oxygen.

### EFFICIENCY

Of start-up takes only about 3 minutes to get demanding oxygen. The molecular sieve is fully generated and will last indefinitely.

### PROTECTIONS

Controlled by microprocessor with pressure sensor. Automatically stop and give alarm and caution light when operation problems occur.

### OPTIONAL PURCHASING ITEMS

- ◆ Filling Containers
- ◆ Oxygen Density Analyzer/ Oxygen Flow Meter
- ◆ High Pressure Compressor  
(increase pressure to 7kgf, 100 psig)
- ◆ Special pressure Compressor  
(increase pressure to 9 kgf, 127psig)

### MAINTENANCE & SERVICES

Modular production and maintenance easy.