

Molecular screening oxygen generator

I 、 The scope of products

For medical institutions, families and other oxygen production, oxygen for patients with hypoxia.

II 、 Main technical specifications



◆ 5L technical indicators

Maximum recommended flow	5L/min
Oxygen production concentration	90%-93%
Flow range at export nominal pressure of zero and 7kPa	0.5~5L/min
At the maximum recommended flow rate, applying a back pressure of 7kPa, the flow rate change is	Within $\pm 10\%$
The oxygen concentration when the export nominal pressure is zero (Reach the specified concentration level within 30 minutes of initial startup)	When the oxygen flow is 0.5~5L/min, the oxygen concentration is $\geq 90\%$
Output pressure	40~70kPa
Rated voltage	220V/VC $\pm 10\%$ 50Hz
Rated power	500VA $\pm 10\%$
size(cm): W×D×H	46.5cm*41.5cm*70cm ± 1 cm
weight	29.1kg ± 2 KG
Working noise	60 ± 5 db
Service life	2Years



◆ 10L technical indicators

Maximum recommended flow	10L/min
Oxygen production concentration	90%-93%
Flow range at export nominal pressure of zero and 7kPa	0.5~8L/min
At the maximum recommended flow rate, applying a back pressure of 7kPa, the flow rate change is	Within $\pm 10\%$
The oxygen concentration when the export nominal pressure is zero (Reach the specified concentration level within 30 minutes of initial startup)	When the oxygen flow is 0.5~5L/min, the oxygen concentration is $\geq 90\%$
Output pressure	40~80kPa
Rated voltage	220V/VC $\pm 10\%$ 50Hz
Rated power	650VA $\pm 10\%$
size(cm): W×D×H	46.5cm*41.5cm*70cm ± 1 cm
weight	33.5KG ± 2 KG
Working noise	60 ± 5 db
Service life	2Years

Altitude: The oxygen concentration will not be reduced from sea level to 1828m, and the efficiency is less than 90% when the sea level reaches 1828 meters to 4000 meters.

Ambient temperature range: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Relative humidity range: 10%~93%, and no condensation phenomenon

Atmospheric pressure range: 700hPa~1060hPa

Equipment type: non-AP/APG equipment (Equipment shall not be used in the presence of flammable anesthetic gas mixed with air, oxygen, or nitrous oxide)



nasal oxygen cannula



Headset type oxygen inhaler



Oxygen mask