

## Concentrador de Oxígeno CARE ZY-5AC

IND. Electro Medical Systems  
Ajusco 94A, Col. Portales, Benito  
Juárez, CP.03300, CDMX.  
Tel. 6596-2516 Cel.55-8548-4835.



**Diseño compacto y silencioso (45  
dB)**



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**Pesa sólo 14.5 Kg**

**Una reducción del 40% comparado con los concentradores tradicionales. Ahorre en costos de transporte y almacenamiento.**



**Economía en mantenimiento y servicio**

**La unidad cuenta con pocas partes lo cual simplifica y reduce los costos de almacenamiento de repuestos y el tiempo de servicio.**



**Consumibles de bajo costo.**

**Toma menos de un minuto cambiarlos.**

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**Configuración modular facilita  
el servicio.**

# Concentrador de Oxígeno

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Especificación	Modelo: ZY-5AC
Flujo de O2	0.5 a 5 litros / min
Método de entrega	Continuo
Pureza de O2	93±3% @5LPM 93±3% @3LPM
Peso	14.5 Kg
Dimensiones	600H, 390A, 230P (mm)
Presión de salida	0.05±0.005 Mpa (7.25 +/- 0.7 psi)
Potencia	300 W
Nivel de ruido	45 dB
Alarma pureza de O2	82%
Voltaje	115V, 60 Hz / 220V, 50 Hz
Otras ventajas	Conector metálico a prueba de fuego, porta humidificador flexible permite varios diámetros

# Concentrador de Oxígeno CARE ZY-5AC

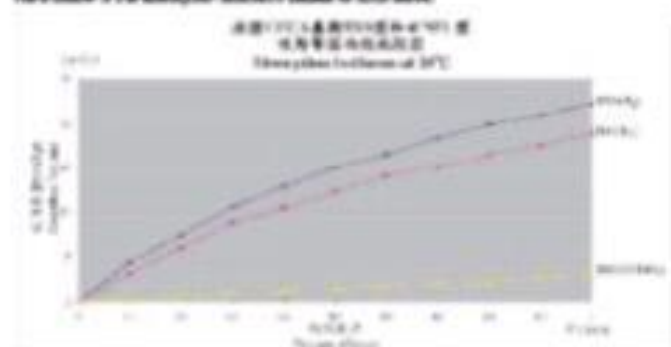
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Stare tank specification sheet

Model	Tank Length (mm)	Stare brand	Weight of stare (kg)	Cycle time	O2 tank pressure / bar	O2 pressure after valve / bar
B.	275	ORCA France	85kg	6s	<170	40-60
B.	300	ORCA France	100kg	6s	<180	40-60

Molecular Stare model: ORCA - 300 (made in France)

Here below is the absorber features details of O2 stare.



The diameter of O2 stare bed is 0.4-0.5mm. It is a high efficiency type stare bed which is widely used in PSA medical grade oxygen concentrators by manufacturer from USA, France, Japan and China.

The ordinary method of stare bed filling is potentially affected by few elements, for example the electrical weighting machine, it has the tolerance rate and will affect the accuracy and balance of stare beds volume in different tanks.

To avoid such kind of failure rate, we have design a special stare bed filling machine. We obtain the patent for this 10 machine. Here below is the drawing of filling device.

Meanwhile, the stare tank is also facing the risk of air leakage which will damage the stare efficiency and the chemical stare bed. To avoid the air leakage, we have 2 patent solutions which are:

1. Three degree tank sealing (A. Tank seal, B. Valve seal, C. O2 tank seal)
2. Two degree one-way valve sealing (A. Nitrogen one way seal, B. Oxygen valve one way seal).

Sistema patentado de  
sellado de tamiz  
prolonga su vida útil.