

Servotech Power Systems, an **NSE listed** company is a leading Indian manufacturer of **medical-grade** Oxygen Concentrators, UV-C devices, high-end solar products, and LEDs.

MEDICAL GRADE OXYGEN CONCENTRATOR

Hassle-Free, Uninterrupted &
Mobile Oxygen Support.
Breathe Easy



OXYCON-5

FEATURES



Highest Purity Levels

Supplies up to 5 LPM (more than 93% $\pm$ 3) concentrated oxygen by separating oxygen from ambient air and removing contaminants.



Easy-to-Operate

Portable and DIY-friendly device which can be used by both patients and caregivers alike.



Advanced Options

Equipped with alarm function, high and low-pressure alarm function, power loss alert feature, and low oxygen concentration alarm function



Suited for Home-Use

The machine takes nominal power consumption and is meant to provide a continuous flow of oxygen in the comfort of your own home.



Medical grade

The device is approved for medical use and helps minimise all breathing related difficulties in patients.



Smart Mechanics

The flow rate, oxygen concentration and time are all shown on a digital smart display.

APPLICATION



HOSPITAL



CLINIC



HOME

SPECIFICATIONS



OXYCON-5

Specification	Sub-Spec	Required Value	Testing Result (OXYCON5)
Purity	93% + - 3% oxygen purity (Litres per minute)	93%	>94%
Type	Type of Oxygen Concentrator	Portable	Portable
Oxygen outlet and Pressure and tank	Oxygen outlet(s) Outlet pressure (KPa)	Single >30	Single 38
Capacity	Oxygen Concentration monitor available Oxygen tank capacity (Ltrs)	Yes 5	Yes 5
Power Source and Battery	Power Source Average Power Consumption (Watt)	Electrical cum Battery Operated 290	Only Electrical /230 V AC Input 300-320 Watt (350VA)
Operating	Operating temperature Range	(from 12 degree C to 32 degree C or better for portable type)	Comply
Temperature Humidity and altitude	Operating humidity up to 95% Operating altitude Range up to (in meters) above sea level	Yes 1000	Yes Yes
Type of Operation	Type of Operation	Continuous Flow Type	Continuous Flow Type
Flow Rate	Adjustable Air Delivery mechanism Continuous flow rate (Litre per Minute) up to	Yes 0-5 LPM	Yes (0.5 to 5 L/Min) 0-5 LPM
Noise Level (dB)	Noise Level (dB)	Less than 40 db	38 DB
Alarms and Alerts	Digital Display	LCD	LCD
	Audio Alarm	Yes	YES
	Visual Alarm	Yes	yes
	Alert of technical fault	Yes	yes
	Alert for No flow	Yes	yes
	Alert for Low flow	Yes	yes
	Alert of Low Pressure	Yes	yes
	Alert of High Pressure	Yes	yes
	Alert of High temperature	Yes	yes
Weight & Dimensions	Alert for Power failure	Yes	yes
	Alert for service requirement	Yes	yes
	Weight (Kg)	14	>18 Kg
	Dimension (height) (mm)		540
Flame Retardancy	Flame Retardancy	No	no
Standards and Certifications	Spare part availability	Yes	yes
	Comply with International Standards Yes	YES	yes
	Name of International standards	EUROPEAN CE	CE
	FDA approved	Yes	yes
	Conformity to ISO 80601-2-69:2014 of the Medical Electrical Equipment - Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment	Yes	yes
Specification	Continuous flow setting (min)	0.5 LPM	0.5 L/M

ACCREDITATIONS & CERTIFICATIONS :



AVAILABLE ACCESSORIES

Rebreathe, a Servotech subsidiary, provides the finest components and makings that go into developing such devices.



RE-USEABLE HUMIDIFIER BOTTLES

Can be used with any type of oxygen source.
Noiseless operation with increased hydration and less system back-pressure thanks to the 360° rectangular diffusion apertures.
Autoclave-able body and built of unbreakable polycarbonate.
Fine Finish



DUST FILTER

Best-in-class PVC material to contain dust particles.
Stainless mesh prevents rusting allowing easy air flow and prolonging device life.
Convenient Frame design installed inside the inlet of the fan.
Designed with Ultra-fine holes to collector the finest of moles.



ANTI-BACTERIA FILTER

Prevents suction device overflow into the pipeline system.
Stops germs and viruses from spreading
Suction device life is extended.
Suction cut-off and visual indication of contamination provide immediate hazard warning of inhaled material overflow.



OXYGEN TUBE

Consistent Oxygen pressure at all flow rates.
Extended length support helpful in oxygen therapy where device and patient are at a distance.
Can be used with all oxygen sources.
New softer tube connector designed to fit more easily.



CANNULA WITH MASK

Made of medical-grade PVC
Nasal clip that can be adjusted.
DEHP-free and latex-free.
Tube length can be 2m or customizable.