

# OXYTEC **8** A breath of health.

## Oxy-Tec 8 Oxygen Concentrator

The new Oxy-Tec 8 version oxygen concentrator has been specially developed to provide a dependable, convenient source of supplemental oxygen for therapeutic needs.

Suitable for both children and adults, Oxy-Tec 8 offers concentration up to 96% and flow rates reaching 5 LPM. Oxy-Tec 8 separates and concentrates oxygen from ambient room air for delivery to a patient requiring low flow oxygen therapy. Oxygen from the air is concentrated using a process of molecular sieves and a pressure alternating system.

Convenient and lightweight, Oxy-Tec 8 eliminates the need to drag around bulky, unmanageable oxygen cylinders and their refill cylinders.

### Main Features

- 24 hours work continuously.
- Four alarm systems (low oxygen concentration alarm (Optional) , power off alarm pressure circulation fault alarm and compressor fault alarm).
- AVG oxygen purity: 93%±3%.
- Low sound level: less than 48dB .
- Net weight: only 19.2kg.
- Strong ABS shell, deluxe design.

### Future features:

- **Cloud Monitoring – each and every concentrator will be monitor through the cloud for:**
  - Hour counter.
  - Oxygen level.
  - Flow rate.



**Cloud Monitoring** will provide the both patient and distributor with a better respond time to failures, close track for filters replacement and compressor maintenance.



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## Specifications:

Oxygen flow	1-8 LPM
Output pressure	58.6±6 kPa
Power supply	AC220V±22V,50Hz;110V±10V,60Hz
Input power	510VA (AVG) / 540VA for dual flow
Oxygen concentration	1-8 LPM 93%±3%
Operation Environment	Temperature 5°C-40°C Humidity≤80% Atmospheric pressure:86kPa-106 kPa
N.W.	19.2kg
Noise	< 50dB(A) / < 55dB(A) for dual flow
Size	43cm*32cm*62cm (l*w*h) Carton Size : 50*37*71cm
Operation regular	Time cycle/pressure rotation
Transportation/storage condition	Temperature-20°C-55°C Humidity≤90% Atmospheric pressure:86kPa-106 kPa
Equipment class&Type	Class II B

## Oxy-Tec-8 Dual Flow Oxygen Concentrator

Oxy-Tec-8 Dual Flow Oxygen Concentrator can supply 1-2 patients simultaneously, with steady oxygen flowing out, safe and reliable, low cost, 2 adjustable flowmeters. The key parts of the concentrator adopt anti-tiring and anti-aging design.

maintenance reminder after 2000 hours use for filters exchange or compressor maintenance.



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## **Chaban Medical** company profile

Chaban Group, a leader in development, manufacture, and marketing of test equipment (ATE) for the military and civilian markets in Israel, extends its capability to the medical market with Chaban Medical division. Chaban Medical holds ISO 14001, ISO 13485, ISO9001, clean room ISO-7 certifications, and a business license 1.3 for medical development and manufacturing. Among Chaban's Medical clients are well-respected companies including Johnson & Johnson, Gyrus ACMI, a subsidiary of Olympus Corporation, Venus Concept, and numerous Israeli startup companies, which Chaban Medical accompanies from their inception through the R&D and DFM stages, and into actual production.

Chaban Medical develops and manufactures quality, dependable medical equipment for home care and rehabilitation. Building on extensive, in-depth experience of the Chaban Group, the medical division strives to improve its products to match market needs, with careful focus on feedback received from customers. Chaban Medical takes pride in complying with the most stringent medical standards and keeping pace with the most recent advances in modern technologies.

Chaban Medical is certified by the U.S. Food and Drug Administration (FDA) and holds the CE Marking of the European Union. The company has been inspected and certified by the Standards Institute of Israel (SII) and KEMA (Holland), as well as the FDA.

Chaban Medical provides superior engineering capability compliant with medical standards, affording customers a combination of proven, independent production.

Further, the company delivers the ability to upgrade, modify, and improve its products to meet customer requirements.

## **Contact Information**

Chaban Medical would be pleased to answer questions regarding Oxy Tec 8 and provide additional information regarding available products and services. Contact us soon.

CONTACT INFO



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