

K-O₂

Multi-Patient Oxygen Generator & Delivery System

Designed to address oxygen insecurity across all levels of the health system, the Gradian K-O₂ is an independent ward-level oxygen solution that delivers uninterrupted oxygen therapy for up to 10 patients at once.



MULTI-PATIENT THERAPY

Integrated flow management and distribution for streamlined measurement and control of multiple patient outlets simultaneously, with total flow rate up to 20 LPM.

USER-FRIENDLY INTERFACE

Easy-to-read display provides critical information at a glance, including oxygen purity and output flow.

WORKS AMIDST POWER OUTAGES

Integrated battery backup provides at least 30 minutes of run time to cover short power outages without interrupting therapy. Standard high-pressure cylinders can also be used in the event of longer outages, with up to 6 hours of battery-enabled monitoring on the K-O₂'s interface.

DESIGNED TO LAST

Built specifically to work in challenging environments with high heat, humidity, dust, and unstable power, the K-O₂ is designed with protection against natural elements that take other machines offline.

K-O2 Product Specifications

OXYGEN GENERATION

Output flow	Up to 20 L/min
Output purity	Up to 95% oxygen
Output pressure	140 kPa (20 psi)

USER INTERFACE AND MONITORING

Display	Intuitive color screen with large, easy-to-read display
Monitoring	Accurate, real-time oxygen concentration monitoring
Alarms	Low concentration, Low flow, High flow, Required maintenance
Integrated sensing	Continuous sensing technology to measure the functional health of the K-O2 to ensure optimal oxygen production and output
Service	Robust internal analysis for performance data, enabling proactive technical maintenance for maximum uptime

BACKUP SYSTEMS

Battery	30 minutes oxygen generation 6 hours monitoring and interface
Oxygen input	Sources up to 400 kPa (58 psi) Secure mounting for E cylinder Adapters included for multiple fitting standards
Backup switching	Automatic, depending on power availability

MULTI-PATIENT DISTRIBUTION SYSTEM

Output flow	Integrated total output flow monitor, with overflow alarm
Distribution modules	5 modules, allowing up to 10 independent flowmeters for adult, pediatric, and neonatal patients
Module installation	Easy-install brackets allow distribution modules to be mounted in any room, and moved between rooms if needed
Accessory compatibility	Compatible with standard oxygen therapy accessories including bubble humidifiers, cannulas, and others

PHYSICAL DIMENSIONS

Dimensions	612 x 737 x 1081 mm
Weight	140 kg (309 lb)
Construction	Aluminum frame, robust casters (2 locking), cleanable Corian top

ENVIRONMENTAL PROTECTION

Dust	Long-life particle filter, with clog detection and user service reminders
Humidity	Innovative dehumidifier to maximize life and minimize maintenance
Electrical disturbance	Integrated voltage switcher to protect against spikes and brownouts

Guaranteed with Every Purchase

COMPREHENSIVE WARRANTY

- Annual preventive maintenance checks
- Timely corrective maintenance with on-demand access to technical experts
- Local storage of spare parts for fast and easy access

HIGH-QUALITY TRAINING

- In-person and online formats, covering real-world clinical scenarios like obstetric emergencies with high-fidelity simulation
- Taught by leading physicians, and is accredited in several countries

