

Oxivent-Oxi2

Transport Ventilator

Oxi vent



Portable Ventilator

KEY FEATURES



MULTIPLE VENTILATION
MODES



ADULT &
PEDIATRIC



DIGITAL
MANOMETER



INTERNAL BATTERY
UP TO 5 HOURS



COMPACT & LIGHTWEIGHT
2.2 KG



ADVANCED
ALARM SYSTEM

- ✓ It provides precise measurements using a digital gas supply pressure display and a digital pressure gauge.
- ✓ It offers a wide range of programmable ventilation modes with a volumetric time cycle.
- ✓ It is suitable for use in the treatment of adult and pediatric patients.

- ✓ AUT-AST supports PSV + Apnea Backup, CPAP, PEEP, and NIV ventilation modes.

- ✓ It offers up to 5 hours of uninterrupted operation with its built-in battery.

- ✓ It is equipped with the alarm systems specified in the standards.



Technical Specifications

Feature	Value / Description
Application	A&E / First Aid / Patient Transport
Patient Type	Adult, Paediatric (excluding newborns)
Ventilation Type	Volumetric IPPV – PSV with IPPV time cycle
Control Method	Electronic
Gas Source	Oxygen or pressurised medical air
Gas Pressure	Oxygen cylinders or medical supply (2.7–6.0 bar)
Flow Rate	50 l/min (max.)
Flow Mode	Constant and decreasing in PSV mode
Ventilation Modes	AUT-AST, PSV, Apnoea Backup, CPAP and PEEP
Measurement Parameters	Instantaneous airway pressure
Respiratory rate	5–70 bpm
I:E ratio	1:1.5
Inspiratory period	40 per cent of the respiratory cycle
Inspiratory Pause	Automatic PSV mode
Pressure Limit	0–50 cmH ₂ O
Minute Volume	1–16 L/min
Tidal Volume	15–3,000 ml
Oxygen mixer	50% O ₂ or 100% O ₂
Manometer Type	Digital
Trigger Sensitivity	1 to 5 cmH ₂ O
User Interface	Digital manometer / LED battery level indicator / External power failure Indicator / LED and Audible Alarms / Control buttons
Alarm Types	Battery Level / Low and High Airway Pressure / Apnoea / Gas Source / Power Interruption
Alarm Volume	60 dB
Power Supply	100–240 V, 50–60 Hz with 12 V DC adapter
Current Consumption	0.02 A @ 100–240 V AC / 0.4 A @ 12 V DC
Power	12 W
Operating Time	5 hours of uninterrupted operation with the built-in battery
Safety Devices	Adjustable mechanical limit for airway pressure between 0–50 cm H ₂ O
Dimensions and Weight	Width: 240 mm, Height: 160 mm, Depth: 110 mm / 2.2 kg
Operating Temperature	-18°C to +60°C
Storage Temperature	-40°C to +70°C
Operating Humidity	10% to 90% (non-condensing humidity)
Atmospheric Pressure	70 kPa to 110 kPa
IP Protection Rating	IP44
Product Lifespan	5 years



Standard Accessories	100–240 V AC – 12 V DC power supply, 12 V DC power cable, disposable adult and paediatric masks, bacterial filter, test balloon, disposable expiratory valve, PVC patient circuit with oxygen tubing, shoulder strap, ambulance connection bracket, User Manual & Quick Start Guide
Optional Accessories	Protection kit and bag, Oxygen Cylinder (Aluminium/Steel), Dual-gauge O ₂ Regulator, Reusable Patient Kit, Capnography
Compliance with Standards	EN 60601-1, EN 60601-1-2, EN 60601-1-8, EN 60601-1-12, EN 794-3, EN 62304, EN 62366-1, EN ISO 14971, EN ISO 15223-1, EN 1041, EN ISO 13485, ISO 9001, EN 1789
Class according to EN 60601	Class II, Type BF



MODÜL GRUP MÜHENDİSLİK MED.A.Ş.

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