

OXIVENT-Life

Technical Specifications

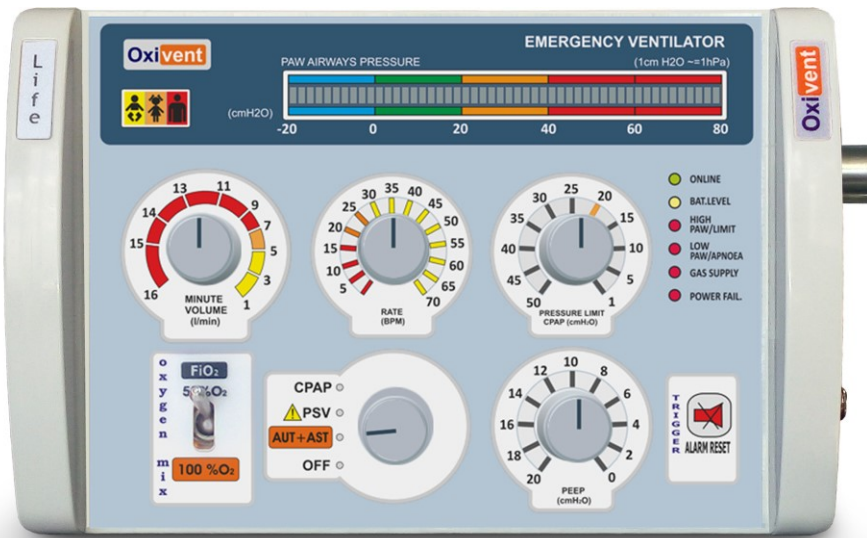
OXIVENT Life

It is an artificial ventilation device with digital pressure gauge, volumetric, time cycle, wide programmed ventilation modes and pressure limiting.

Portable Patient Transfer Ventilator has great importance in respiratory treatment, being small and lightweight.

- Oxivent Life can be use for treatment of adults and children.
- Ventilation Modes: AUT+AST, PSV + Apnea Backup, CPAP, PEEP, NIV presented to the user.
- The alarms are available which are specified in TS EN 794-3+A2 standarts .

For more information, visit our website: www.labcore.com.tr



Technical Specifications

Property	Value / Description
Application	Emergency / First Aid /Patient Transport
Patient Type	Adult, Pediatric (Not Neonatal)
Ventilation Type	IPPV Volumetric – PSV with IPPV Cycle Time
Control Method	Electronic
Gas Supply	Oxygen or Compressed Medical Air (Suitable for central oxygen system)
Gas Pressure	Oxygen Tubes or Medical Supply (2.7-6.0 bar)
Flow Rate	50 l/min (max)
Flow Mode	Constant and Decreasing at PSV Mode
Ventilation Modes	AUT-AST, PSV, Apnea Backup, CPAP and PEEP
Measurement Parameter	Airways Instant Pressure
Breath Frequency	5-70 bpm
I:E Rate	1:1.5
Inspiratory Period	40% of Breath Cycle
Inspiratory Pause	Automatic at PSV Mode
Pressure Limit	0-50 cmH ₂ O
PEEP	0-20 cmH ₂ O
Minute Volume	1-16 L/min
Tidal Volume	15-3000 ml
Mixer Unit	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 Ind./ Led and Audible Alarms / Control Buttons
Alarm Types	Battery Level / Low and High Airways Pressure / Apnea / Gas Supply / Power Failure/ Pressure Changes/Obstruction (Low Paw Warning)
Alarm Intensity	60 dB
Battery	Rechargeable/2500 mA NMHi
Power Supply	12VDC or 100-240VAC 50-60 Hz with 12VDC Adaptor
Current Consumption	0.05A @220VAC / 1A @ 12VDC
Power	12W
Working Time	With built-in rechargeable battery for 10 hours continuous operation
Safety Devices	Mechanical limit of airways pressure adjustable from 0 to 50 cmH ₂ O
Dimensions and Weight	Width: 240mm Length : 160mm Depth: 110mm / 2,2 Kg
Operating Temperature	-18°C to +60°C
Storage Temperature	-40°C to +70°C
Operating Humidity	10% to 90% (Non-Condensing)
Maintenance Period	In every 6 months by a authorized techician
Atmospheric Pressure	110kPa range from 70kPa
IP Rating	IP44
Product Life	10 years
Standart Accessories	Power Supply 100-240Vac - 12Vdc, Supply Cable 12Vdc, Disposable Adult and Child Mask, Bacteria Filter,Test Balloon, Disposable PVC patient device with expiratory valve, Oxygen Hose, Ambulance Mounting Bracket, User Manual & Quick User Manual
Optional Accessories	Safety Kit and Bag, Oxygen Tube (Aluminium/Steel),O ₂ Regulator with Double Manometer, Reusable Patient Kit, Capnography, Shoulder Strap
Standart Compliance	EN 60601-1, EN 794-3+A2, EN 62304, EN ISO 15223-1, EN ISO 13485, EN ISO 14971, TS EN 1041, TS EN 14155, EN 1789+A2
Class According to EN60601Dir.	Class II Type BF



Design Variations with Bag