



KOZMOVENT

SMART TRANSPORT VENTILATOR

Meet the New Generation Smart Kozmovent Ventilator:

Kozmovent emergency patient care and transport ventilator; Combining the functionality of intensive care ventilators with the robust and compact structure required for emergency services and ambulances.

All the ventilation modes it has, it enables the best treatment in all steps from the first medical intervention to the patient at the scene, transferring the patient to the emergency services and intensive care units in emergency health services.



Everything is for you...

- Broad spectrum ventilation modes,
- Suitable ventilation for adult, pediatric and neonatal patients ,
- 6 hours of working time at full charge with the internal battery,
- Noninvasive ventilation and 40% - 100% adjustable oxygen support,
- High Flow Oxygen (HFO) therapy support,
- User friendly and easy to use with functional 7.1 LCD touch screen and advanced interface,
- Sensitive and optimum adjustment thanks to digital control and adjustment,
- Tidal volume, air flow and pressure graphs that can be easily followed on its own monitor,
- Instant response time,
- Optionally provided with carrying bag, ambulance wall mounting kit and/ or pedestal stand for intensive care.

DESIGNED FOR RELIABLE AND COMFORTABLE TRANSPORT

The Kozmovent ventilator device that can be used in every stage from emergency situations to intensive care unit;



- It can be easily carried by hand with its ergonomic, compact and light structure.
- It can be mounted on the ambulance wall with a light and robust carrying bag suitable for its ergonomic structure, and can continue to treat the patient comfortably and safely in its bag.
- Thanks to its long battery life of 6 hours, it can provide uninterrupted treatment for long - distance for in-ambulance using.
- In case the oxygen cylinder supplied with the device is exhausted, uninterrupted treatment can be performed thanks to its operation in harmony with the central oxygen system in ambulances or the hospital central oxygen system.



USER FRIENDLY USER INTERFACE DESIGN




Our engineers, in close cooperation with users and clinicians, have designed the user interface in the simplest and easiest way to be particularly intuitive and logical..

- Provides easy understanding of the current problem thanks to visual and audible alarms.
- Oxygen pressure and flow delivered to the patient during ventilation can be easily followed both digitally and on graphics.
- One glance at the screen on the device shows you tidal volume, patient triggering and resistance, oxygen rate, pressure and flow in real time. The lungs expand and contract simultaneously with actual breaths.
- Access and set the most important controls for the current mode directly from the home screen.



KOZMOVENT VENTILATOR ADVANTAGES

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- Treatment method suitable for every patient from infants to adults with 8 different mode options and HFO feature,
 - Automatically adjusting the most appropriate parameters for the treatment method to be applied according to the selected mode,
 - Possibility to adjust inhalation and exhalation times,
 - Immediate intervention to the most critical patient with the emergency ventilation options,
 - Easy and understandable application,
 - Possibility to charge with 12v DC socket for ambulances,
 - It can be used with optional high stand with wheels for hospital and intensive care unit,
 - It can be used in ambulances with the wall mounting kit and bag produced for security,
 - It calculates the tidal volume in the lungs during ventilation and shows it instantly,
 - Volume and pressure controlled modes,
 - Precise adjustment possibility,
 - Internal memory for patient record.


STANDARDS & DOCUMENTS

- EN 13485,
- EN 1789
- CE Class II
- EN 60601
- IP : 22



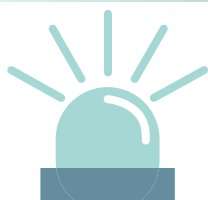
KOZMOVENT TECHNICAL SPECIFICATIONS

Modes; These are 8 different mode options with pressure and volume control;

- P-ACV (Pressure - Asist Control Ventilation)
 - P-SIMV (Pressure - Synchronized Intermittent Mandotary Ventilation)
 - P-PSV (Pressure - Patient Support Ventilation)
 - CPAP (Continuous Positive Airway Pressure)
 - V-ACV (Volume- Asist Control Ventilation)
 - V-SIMV (Volume - Synchronized Intermittent Mandotary Ventilation)
 - P-PRVC
 - HFO (High Flow Oxygen Therapy)
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Patient Type	Suitable for use on babies, children and adults
Control Method	Electronic Control and Ventilation
Flow Adjustment Type	Proportional valve system
Flow Rate	60 l/min (can be optionally increased to 120 l / min)
Gas Source	O ₂ or compressed medical air (4 bar – 6 bar)
Measurement Parameter	Instant airway pressure, flow, tidal volume, oxygen ratio
Respiration Rate (RR)	4 – 60 RR/min
Inspiration time	0,3 – 3 sec
I:E Ratio	1:9 - 3:1
Inspiration Volume	0 - 60 cm H ₂ O
Tidal Volume	15 - 2500 ml
Minute Volume	1 - 20 lt / min
Peep Pressure	0 cmH ₂ O - 25 cmH ₂ O
Triggering Sensitivity	Adjustable between 0,5 cmH ₂ O - 5 cmH ₂ O
O2 Ratio	Adjustable between 40% - 100%
Dashboard	7,1" LCD Screen
Vehicle Charger	12V, 3,15A
Main Charger	110V-230V & 12V 3,15A Adapter (compatible with 60601-1)
Power Consumption	4,5 Wh
Battery	11V 2600 Mah Li-ion
Size W*L*H	173mm * 273 mm * 186,5 mm
Weight	4 kg
Working Temperature	between -15°C +50°C
Relative Humidity	%15 - %95 operating under relative humidity
Electrical Compatibility	Class BF
IP	22

AUDIBLE AND VISUAL ALARMS

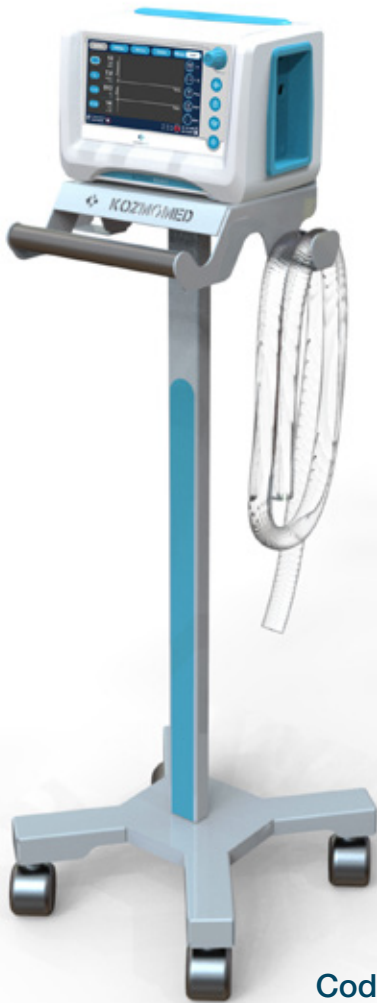


- Low pressure limit alarm
- High pressure limit alarm
- Low battery alarm
- Gas supply outage
- Network connection alarm
- Apnea



MODEL & STANDART ACCESSORIES

**Code
KZV00-MT**
Main Unit



**Code
KZV0011**
Appliance Stand
with 4 wheels

**Code
KZV0012**
Wall
Mounting Kit



**Code
KZV0013**
Aluminium
O₂ Tube
(2 lt)



**Code
KZV0015**
Disposable
Patient Circuit



**Code
KZV0016**
Adult&Child
Mask



**Code
KZV0017**
Bacteria Filter



(In Hospital)

- Main Unit,
- Appliance stand with 4 wheels,
- Disposable Patient Circuit,
- Adult and Child Mask,
- Bacteria Filter,
- 220V 2A Charger,
- 1 Gas Supply Connection Hose.

(For Ambulances)

- Main Unit,
- Wall Mounting Kit,
- Carrying Case,
- Aluminum O₂ Tube (2 Lt),
- 2 Gas Supply Connection Hose.
- Disposable Patient Circuit,
- Adult and Child Mask,
- Bacteria Filter,
- 12V Car Charger,
- 220V 2A Charger,



Made in Turkey



Contact us for more information...