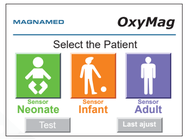
OXYMAG

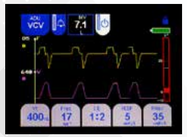
The ventilator that thinks as fast as an emergency team

- Smart alarm system
- Battery life of **over 6 hours**
- Complete ventilation monitor, with graphics and numeric read-out
- Ideal for intra-, inter- and emergency transportation



High-performance ventilation for all types of patients, from neonatal to adult.

Flexible data viewing to simplify clinical decisions even more and guarantee the best ventilation support for the patient.



Accurate mechanical ventilation graphics like those found in Intensive Care.

MAGNAMED REMOTE ASSISTANCE TECHNOLOGY MAKES DIFFERENCE

OXYMAG ACCESSORIES

BLENDER

CODE | **1704444**

BREATHING CIRCUITS AUTOCLAVABLE

TYPE	CODE
Adult 1.2m with Y	**1703218**
Adult 1.6m with Y	**1704601**
Adult 1.6m with Y90°	**1704603**
Pediatric 1.2m with Y90°	**1702654**
Neonatal 1.2m with Y90°	**1702655**
Adult respiratory circuit 3.0m straight Y	**1703972**

WALL OR BENCH SUPPORT

CODE | **1702496**

DIAPHRAGMS AND EXPIRATORY VALVE*

TYPE	CODE
Diaphgram	**3800248**
Expiratory Valves	**3804865**

NON-INVASIVE VENTILATION MASKS

SIZE	CODE
5	**1702650**
3	**1702651**
0	**1702652**
Silicon headgear adult	**1702990**

RESISTANCE
Used for ventilators analysis in conjunction with the pulmonary simulator.

TYPE	CODE
RP 20	**3802196**
RP 50	**3802197**
RP 200	**1702920**

TROLLEY

CODE | **3802668**

FILTER*

Envelope with 3 units of barrier filters for the transport equipment | **1702656**

ARTICULATED ARM TO SUPPORT THE BREATHING CIRCUIT

CODE | **1702667**

AUTOMOTIVE CHARGE CABLE

CODE | **2802671**

AUTOCLAVABLE FLOW SENSOR*

Kit flow sensor adu/inf/neo - 1,6m (3 silicone lines)	**1705043**
Adult flow sensor (5 sensors and 5 silicone line)	**1705047**
Neonate flow sensor (5 sensors and 5 silicone line)	**5001493**
Pediatric flow sensor (5 sensors and 5 silicone line)	**5001494**

LUNG TEST
The use of resistance is required.

Adult 1000ml	**3901840**
Adult 2000ml	**3902781**
Pediatric 500ml	**3901839**
Neonatal 40ml with RP200	**1702920**

TRANSPORTATION CASE

With tank	**1702875**
Basic case	**1704784**

PULSE OXIMETRY (SpO_2)

Adu/Ped	**1704409**
Neo	**1704410**

CAPNOGRAPHY

TYPE	CODE
Mainstream capnography sensor (CO_2)	**1704396**
Airway adapter adu/ped	**1704395**
Airway adapter neo	**1704394**

90° CONNECTORS 15X15 DIAM

CODE | **3102183**

* Standard OxyMag Accessories

IDEAL FOR TRANSPORT

OxyMag combines the functions of an intensive care ventilator with the durability and lightness required for transport. Suitable for ventilation therapy for all age groups, from newborns to adults.

FLEXIBILITY AND SIMPLICITY

The intuitive interface reduces the adjustment time for parameters and alarms, allowing the rescue squad to attend to other activities that help with patient safety.

CAPNOGRAPHY AND OXYMETRY

By using the same equipment, it is possible to complement the monitoring to assist the patient's mechanical ventilation, with the excellence and precision of MASIMO Capnography ($EtCO_2$) and Oxymetry (SpO_2).

LIGHTWEIGHT, COMPACT AND DURABLE

OxyMag was developed with a design to keep up with the pace of a rescue squad. It is lightweight to facilitate transport and durable to absorb any possible impacts.

IT ONLY USES O_2

OxyMag has a system that dispenses the use of compressed air and enables a high performance, reducing the weight and size of the equipment. The result is much more agility at the emergency.

User interface

Type and Size	TFT-LCD touchscreen 5,7"
Weight	3,0 kg (6.6 lbs)
Dimensions W x H x D	254 x 230 x 185mm (10 x 9.0 x 17.3 inch)
Communication/Interface	RS-232C ports

Operating Conditions Specifications

Electrical power supply	100 to 240 V, 50/60 Hz
12 V_{DC} external	yes
Battery	6.5 hours
O_2 inlet:	39 to 87 psi (270 to 600 kPa)
Standard connection available	DISS (optional NIST)
Temperature	-18 to 50°C (0 to 122°F)
Barometric pressure	600 to 1.100 cmH_2O (or hPa ou mbar)
Relative humidity	15 to 95%

Parameter adjustments

Type of patient	Adult, Pediatric and Neonatal
Tidal volume	20 to 2.500 ml
Respiratory rate	0 to 150 bpm
Inspiratory flow	0 to 150 l/min
Rise time	0 to 2,0 s
Inspiratory time	0,1 to 10 s
Inspiratory pressure	1 to 60 cmH_2O (or hPa or mbar)
Peep	0 to 40 cmH_2O (or hPa or mbar)
Support pressure /Δpsupp	OFF, 5 to 60 cmH_2O (or hPa or mbar)
Flow cycling (% of peak flow)	5 to 80 %
Trigger sensitivity (Pressure trigger)	OFF; -0,2 to -10 cmH_2O (or hPa or mbar)
Trigger sensitivity (Flow trigger)	OFF; 0,5 to 30 L/min
I:E ratio	1:4 a 4:1
O_2 Concentration	OFF; 35 to 100%
Type of inspiratory flow	Constant, decelerating, accelerating and sine

Monitoring

Curve	PxT, FxT and VxT/ SpO_2/ CO_2
Loops	VxF, PxV
Bargraph	Instant Pressure
FiO_2	Galvanic cell
Numerical value	Volume inhaled and exhaled, FiO_2, dynamic compliance, intrinsic PEEP, resistance, O_2 pressure, O_2 consumption, $EtCO_2$*, CO_2*, SpO_2**, heart rate**, perfusion index**

** Using Capnography. ** Using Oximetry.*

Ventilation Modes

VCV / VCV-AC; PCV / PCV-AC; PLV-AC; V-SIMV + PS; P-SIMV + PS; DualPAP / APRV; CPAP/PSV; NIV

Alarms

Minute volume	high / low
Respiratory rate	high / low
Inspiratory pressure	high / low
Peep	high / low
Apnea time	OFF, 5 to 60 s
Automatic alarm settings	OFF, 10%, 20% and 30%

General specifications

Stand by	on/off
Manual cycles	yes
Freeze	yes
Sigh	yes
Automatic barometric compensation	yes

Optional

Mobile base, wall support, transport system (bags), capnography and oximetry. DC / DC cable, Air and O_2 blender	
Fastening and transport systems	Emergency vehicles; Intensive care unit vehicles; Helicopters; Gurneys and hospital beds.

MAGNAMED
Intelligent innovation for life

Printed in january 2018 (v1). Subject to change without notice.

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OXYMAG

High efficiency and quick response for emergencies