MAGNAMED
Intelligent innovation for life

FLEXIMAG MAX

**Many possibilities,
just one choice**

FLEXIMAG MAX

Developed to meet your needs

- High-performance ventilation **for adults, children, and newborns**
- **Advanced communication system:** USB, HL7 protocol and nursing call
- **Automatic leak compensation** in invasive and non-invasive ventilation
- Advanced monitoring tools, such as **capnography and oximetry**
- Memorization of the last **240 hours of ventilation**

O_2 THERAPY

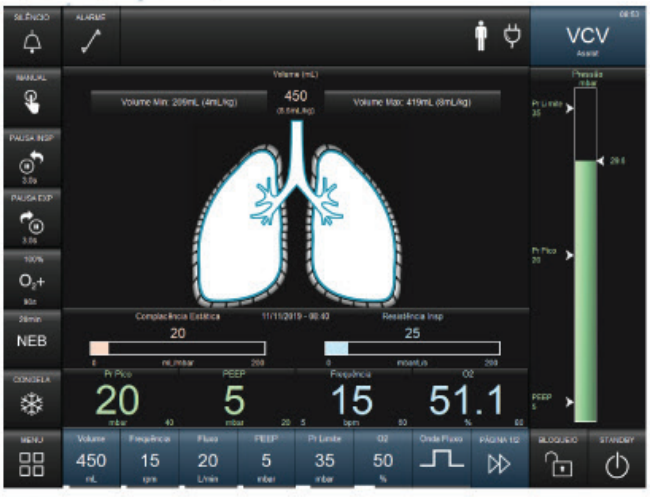
With the high flow adjustment and predetermined O2 concentrations, the system guarantees more comfort to the patient and reduces the risk of new intubations. Adapted to suit all types of patients.

NIV

Whether in the ICU or in an emergency room, non-invasive ventilation is a good alternative in situations where it is possible to avoid intubation, thus reducing the risk of infections and the length of hospital stay.

INTERFACE

Based on a study carried out with users, the FlexiMag Max interface was developed to allow intuitive and configurable operation according to the routine of your ICU.



PROTECTIVE MONITORING

Aiming to optimize, protect and individualize pulmonary ventilation, with a focus on the patient and his pathology, **Protective Monitoring allows continuous assessment and a better ventilation strategy.**

DISCOVER THE BEST SOLUTION FOR YOUR ICU

	FLOW AIR [1]	GAS NETWORK [2]	NEONATAL	VENTILATORY WEANIN RESOURCES	ADVANCED MODES
Max 300	✔	—	✔	✔	✔
Max 500	—	✔	✔	✔	✔
Max 700	✔	✔	✔	✔	✔

(1) Turbine - Electronic ambient air acceleration system.
(2) Compressed air and oxygen.

flow air®

Exclusive ambient air acceleration technology,

adaptable to any gas installation, working with or without compressed air network.

Flow Air's response time is faster, conserves energy for longer and improves the transport system, as it avoids depressurization of the patient.

In addition, the system works with low flow to assist neonatal patients and has an extremely quiet system.

FLEXIMAG MAX ACCESSORIES

ARTICULATED ARM TO SUPPORT THE BREATHING CIRCUIT*

CODE | **1707302**

HEATED HUMIDIFIER WITH RESERVOIR AND SUPPORT

TYPE	CODE
Dual voltage with temperature sensor	**1706589**
Dual voltage without temperature sensor	**1706587**
Dual voltage with temperature alarm	**1707420**

SPIROQUANT ENVITEC FLOW SENSOR*

KIT with 5 sensors | **1703938**

LUNG TEST

The use of resistance is required.

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

90° CONNECTORS 15X15 DIAM

CODE | **3102183**

INTEGRATED VALVE DIAPHRAGM*

CODE | **3806842**

INTEGRATED VALVE*

CODE | **3806167**

AUTOCLAVABLE FLOW SENSOR

TYPE	CODE
Set with (Adu/Ped/Neo)*	**1705043**
Neo	**3201098**
Ped	**3201099**
Adult	**3201100**
1.6m universal silicone connector	**3802058**

NEBULIZER

Nebulizer kit	**1404881**
T 22mm adapter	**3202017**

RESISTANCE

Used for ventilators analysis in conjunction with the pulmonary simulator.

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

NON-INVASIVE VENTILATION MASK

MODEL	CODE
5	**1702650**
3	**1702651**
0	**1702652**
Adult silicone fastener	**1702990**

PULSE OXIMETRY (SpO_2)

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

CO_2 MAINSTREAM SENSOR

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

BREATHING CIRCUITS

Autoclavable with water trap.

TYPE	CODE
Adult Y straight*	**707451**
Pediatric Y 90	**1707452**
Neonatal Y 90	**1707453**

* Standard FlexiMag Max Accessories

Parameters Ajustment

Type of patient	Adult, Pediatric and Neonatal
Tidal volume	2 to 3.000 ml
Respiratory rate	0 to 200 rpm
Inspiratory flow	1 to 180 L/min
Rise time	0 to 2,0 s
Inspiratory time	0,05 to 30 s
Inspiratory pressure	0 to 120 cmH_2O (or hPa or mbar)
Peep	0 to 50 cmH_2O (or hPa or mbar)
Support Pressure/Δps	0 to 120 cmH_2O (or hPa or mbar)
Flow cycling (% of peak flow)	5 to 80 %
Pressure trigger	0,0 to -20 cmH_2O (or hPa or mbar)
Flow trigger	0,0 to 30 L/min
Ratio I:E	1:599 to 299:1
O_2 concentration	21 to 100%
Type of inspiratory flow	Constant, decelerating, accelerating and sine
Inspiratory and expiratory pause	0,1 to 30 s

Alarms

Minute volume / Total volume	high / low
Respiratory rate	high / low
Maximum pressure	high / low
Peep	high / low
Apnea time	OFF, 0 to 60 s
Automatic alarm ajustments	OFF, 10%, 20% and 30%

Ventilation modes

VCV / VCV-AC; PCV / PCV-AC; PRVC; PLV; PLV-AC; VG; V-SIMV + PS; P-SIMV + PS; DualPAP / APRV; CPAP/PSV; MMV; VS; CPAP NASAL; VNI; O_2 THERAPY

Monitoring

Curve	PxT, FxT and VxT / SpO_2 / CO_2
Loops	PxF, VxF, PxV, $VxCO_2$, $VxFCO_2$
Different colors	Insp. and exp. phases, trigger modes and windows
Bargraph	Instant pressure
FiO_2	Galvanic or paramagnetic cell (optional)
Optional monitoring	Capnography or Oximetry
Numerical value	Tidal volume and Minute volume; Respiratory rate; Inspiratory and expiratory time; Max and mean plateau pressure and plateau pressure; Peep; Ratio I:E, Protective Monitoring, Drive Pressure

User Interface

Type and Size	TFT-LCD touchscreen 15"
Weight	20,0 kg (44,09 lbs)
Dimensions W x H x D	453 x 1427 x 544mm
Communication/Interface	Emergency call, HDMI, USB, Ethernet RJ-45, RS 232
Remote Technical Assistance	Magnamed Remote Assistance (ARM)

Operating Conditions Specifications

Electrical power supply	100 to 240 V, 50/60 Hz
12 V_{DC} external	yes (optional)
Battery	210 minutes
O_2 inlet	29 to 87 psi (200 to 600 kPa)
AR gas inlet	29 to 87 psi (200 to 600 kPa)
Temperature	-10 to 50°C (14 to 122°F)
Barometric pressure	600 to 1.100 cmH_2O (or hPa or mbar)
Relative humidity	15 to 95%

Mechanical Ventilation Evaluation*

P0.1	yes
Slow Vital Capacity	yes
PV flex	yes
PImáx (NIF)	yes
Trapped Volume	yes

** Exclusively for pediatric and adults patients.*

Others Operations

Nebulizer	Synchronized with inspiration
Tracheal gas insufflation (TGI)	Synchronized with expiration
Trend	240h
Volume compensation - temperature and humidity	BTPS
Auxiliary pressure	Using esophageal balloon or pressure measurement at the carina

General Specifications

Stand by	on/off
Manual cycles	yes
Graphic freeze	yes
Sigh	yes
Flow sensor	Proximal or Distal
Turbine (Flow Air)	Max 300 / Max 700

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