

Parameters Adjustment

Type of patient	Pediatric and Neonatal
Tidal volume	2 to 300 ml
Respiratory rate	0 to 200 rpm
Inspiratory flow	1 to 50 L/min
Rise time	0 to 2,0 s
Inspiratory time	0,05 to 30 s
Inspiratory pressure	0 to 120 cmH ₂ O (or hPa or mbar)
Peep	0 to 50 cmH ₂ O (or hPa or mbar)
Support Pressure/ Δ ps	0 to 120 cmH ₂ O (or hPa or mbar)
Flow cycling (% of peak flow)	5 to 80 %
Pressure trigger	0,0 to -20 cmH ₂ O (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
FiO ₂	high / low
Apnea time	OFF, 0 to 60 s
Automatic alarm adjustments	OFF, 10%, 20% and 30%

Ventilation modes

VCV / VCV-AC; PCV / PCV-AC; PRVC; PLV / PLV with VG; V-SIMV + PS; P-SIMV + PS; DualPAP / APRV; CPAP/PSV; MMV; VS; NIV

Monitoring

Curve	PxT, FxT and VxT / SpO ₂ / CO ₂
Loops	PxF, VxF, PxV
Different colors	Insp. and exp. phases, trigger modes and windows
Bargraph	Peak pressure, plateau or instant
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

User Interface

Type and Size	TFT-LCD touchscreen 15"
Weight	18,0 kg (39,7 lbs)
Dimensions W x H x D	453 x 1335 x 542mm (17.8 x 52.6 x 21.3 inches)
Communication/Interface	RS-232C ports
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 ₂ O (or hPa or mbar)
Relative humidity	15 to 95%

Mechanical Ventilation Evaluation*

P0.1	yes
Slow Vital Capacity	yes
PV flex	yes
PI _{máx} (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	72 hour
Volume compensation - temperature and humidity	BTPS and ATPD
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



BABYMAG

Safety and efficiency for the care of neonatal and pediatric patients

BABYMAG

Supports the development of neonatal and pediatric patients with advanced technology

RESOURCES THAT MAKE A DIFFERENCE

BabyMag has NIV (Non-invasive Ventilation) for all the ventilator modes and the use of CPAP with respiratory rate adjustment.





SAFETY IN EVERY DETAIL

BabyMag has modes that reduce the risk of barotrauma and offer greater safety, such as guaranteed volume adjustment.

MAIN ACCESSORIES MASIMO

Capnography and Oximetry, to ensure excellent monitoring. Non-invasive ventilation interface and nebulizer that are synchronized with the inspiratory phase, without altering FiO₂.

 Complete set of graphics and features that facilitate weaning

 Allows the use of capnography and oximetry

 No false alarms

 Compact design that only the high-technology can offer



MAGNAMED REMOTE ASSISTANCE TECHNOLOGY MAKES DIFFERENCE



ARTICULATED ARM TO SUPPORT THE BREATHING CIRCUIT

CODE | 1702667



HEATED HUMIDIFIER GLOBALTEC**

TYPE	CODE
Dual voltage with temperature sensor	1706589
Dual voltage without temperature sensor	1706587



SPIROQUANT ENVITEC FLOW SENSOR

KIT with 5 sensors	1703938
Cable with Redel 6 pin connector	2803779



LUNG TEST

TYPE	CODE
Ped 500ml	3901839
Neo 40ml with RP200	1702920



BREATHING CIRCUITS**
Autoclavable with water trap.

TYPE	CODE
Pediatric Y 90	1703037
Neonatal Y 90	1703036



90° CONNECTORS 15X15 DIAM

CODE | 3102183



DIAPHRAGMS AND EXPIRATORY VALVE

TYPE	CODE
Diaphragm	3800248
Expiratory valves	3804865



AUTOCLAVABLE FLOW SENSOR

TYPE	CODE
Neo	3201098
Ped	3201099
1.6m universal silicone connector	3802058



NEBULIZER**

Nebulizer kit	1404881
T 22mm adapter	3202017



RESISTANCE
Used for ventilators analysis in conjunction with the lung test.

TYPE	CODE
RP 20	3802196
RP 50	3802197



NON-INVASIVE VENTILATION MASK

MODEL	CODE
3	1702651
0	1702652



PULSE OXIMETRY (SpO₂)

Adu/Ped	1704409
Neo	1704410



CO₂ MAINSTREAM SENSOR

TYPE	CODE
CO ₂ Mainstream sensor	1704396
Airway adapter adu/ped	1704395
Airway adapter neo	1704394