

numo

Breath of life

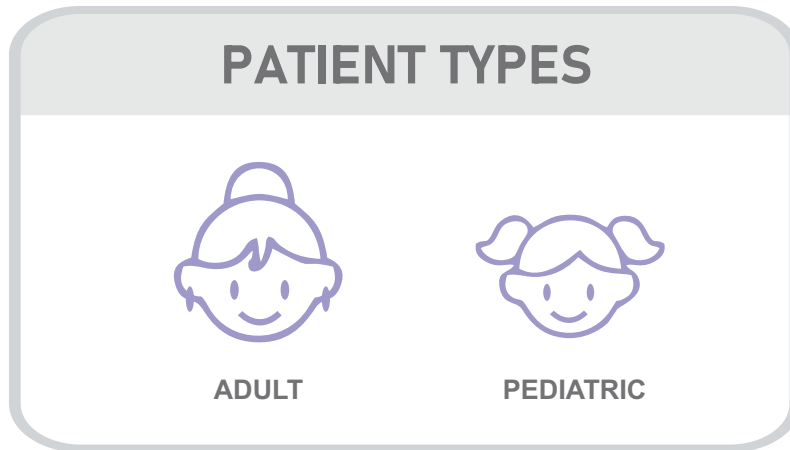


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PHOENIX
Phoenix Medical Systems (P) Ltd.

Ergonomic. Excellent. Effective

Numo is a critical care ventilator that provide positive pressure ventilatory support for patients suffering from respiratory failure. NUMO is sensitive to patient effort. The ergonomically designed NUMO is a reliable, cost-effective ventilator.



Intuitive user interface

A simple interface makes adjustment of settings easy. The continuously monitored parameters are displayed such that they can be interpreted easily. The staff training duration is short.



Optimized Patient - Ventilator Synchrony

NUMO easily adapts to the patient's breathing pattern. It is highly sensitive and works in synchrony with the patient's breathing.



Reduced Work of Breathing

NUMO reduces the work of breathing (WOB) by assisting respiratory muscle activity. NUMO supports restoration of gas exchange.



360° Intelligent safety alarms

NUMO features a series of prioritised alarms. Both audio and visual alerts are provided.



Touch Display

A 7" LCD Colour display makes parameters clearly readable from a distance. A Resistive Touch display with safety lock to avoid accidental changes to settings



Built-in battery backup

The 2-hour battery backup provides uninterrupted support during extended power failures and during intrahospital transfers.



Low Noise levels

NUMO reduces noise-stress. This is particularly valuable for ICUs.



Lightweight and Sleek design

The electronic blender and battery are built into the device, making transportation effortless.

Ventilation modes



- PC-AC (Pressure Controlled Assist Control)
- VC-AC (Volume Controlled Assist Control)
- PC-SIMV (Pressure Controlled-Synchronized intermittent mandatory ventilation)
- VC-SIMV (Volume Controlled-Synchronized intermittent mandatory ventilation)
- PRVC- SIMV (Pressure Regulated Volume Control - Synchronized intermittent mandatory ventilation)
- CPAP/PSV (Continuous Positive Airway Pressure with Pressure support)



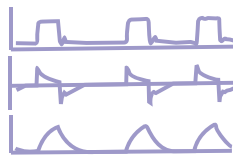
Non Invasive

- NIV-PC (Non Invasive Ventilation - Pressure control)
- NIV-PS (Non Invasive Ventilation - Pressure Support)
- HFNC Therapy (High Flow Nasal Cannula)



Monitoring

Display of up to 16 monitoring parameters



Real-time Waveforms

Pressure, Volume, Flow



Event log

Storage and display of up to 1,000 events with date and time



200 mm

300 mm



300 mm



1500 mm

475 mm

Technical Specifications

PARAMETER	RANGE	UNIT
PIP	1 – 60	cmH ₂ O
PEEP	0 – 30	cmH ₂ O
Pressure Support	0– 40	cmH ₂ O
FiO ₂	21- 100	%
Respiratory rate	4 – 60	bpm
Tidal volume	50 – 2000	ml
Flow triggers	1 – 10	lpm
Pressure triggers	1– 10	cmH ₂ O
Inspiratory time	0.3 – 8	sec
Apnea interval	10 – 60	sec
I:E	1:4 – 4:1	

PERFORMANCE SPECIFICATIONS

PARAMETER	ACCURACY
Inspired Pressure	± (2 + (4% of set pressure)) in cmH ₂ O
FiO ₂	± 3% from set FiO ₂ in % both Volume and pressure controlled modes
Inspired Tidal Volume	± (10 + (10% of set volume)) in ml
Expired Tidal Volume	± (10 + (10% of actual volume)) in ml

PROCEDURES

100% O₂ for suction procedure (2 minutes)

Inspiratory Hold - 10 Sec

Expiratory Hold - 10 sec

Accessories

Standard	Optional
▶ Patient circuits	▶ Compressor
▶ HME filter	▶ Humidifier
▶ BV filter	▶ NIV mask
▶ Exhalation Valve	▶ High Flow Nasal Cannula
▶ Flow sensor	
▶ Test lung	

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