

# numo

*Breath of life*

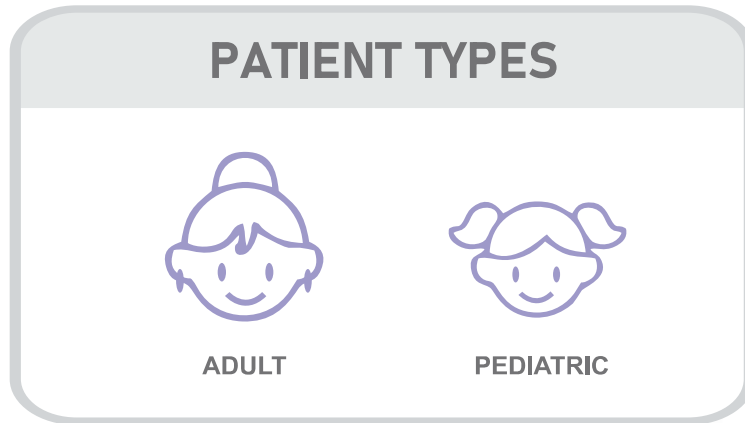


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**PHOENIX**  
Phoenix Medical Systems (P) Ltd.

## 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 )

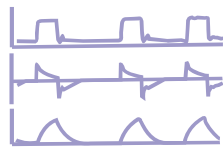


- NIV-PC ( Non Invasive Ventilation - Pressure control )
- NIV-PS ( Non Invasive Ventilation - Pressure Support )
- HFNC Therapy ( High Flow Nasal Cannula )



### 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 <sub>2</sub> O
PEEP	0 – 30	cmH <sub>2</sub> O
Pressure Support	0– 40	cmH <sub>2</sub> O
FiO <sub>2</sub>	21- 100	%
Respiratory rate	4 – 60	bpm
Tidal volume	50 – 2000	ml
Flow triggers	1 – 10	lpm
Pressure triggers	1– 10	cmH <sub>2</sub> 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 <sub>2</sub> O
FiO <sub>2</sub>	± 3% from set FiO <sub>2</sub> 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% O<sub>2</sub> 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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