

M9 High-end ventilator

Ingenuity wins trust





M9

- -Effective options for protective & personalized ventilation.
- -Accessible, modular, and easy to implement with advanced protective strategies.
- -Slim frame, integrated O2 cylinder bracket and high-performance blower.
- -For in-hospital transportation.



Monitor



In close cooperation with users and ventilation experts, our engineers have designed a user interface particularly intuitive.

- 15 inch large screen, perfect frame design, can also be used through gloves.
- Alarm light box display with multi angle view.
- The screen can be rotated 360 for ease of use.

UI Interaction

Consolidates the monitoring datas and displays them as intuitive graphics. It provide a quick overview of the patient's current ventilation status and a reliable basis for therapy decisions.



MMPs

All of the main monitoring parameters at a glance. The large characters allow you to see them even from a distance.



Dynamic Lung

One quick look shows tidal volume, lung compliance, patient triggering, resistance in real time, cuff pressure, and pulse. The lung expands and contracts in synchrony with the actual breaths.



Access to main controls

Access and adjust the most important controls for the current mode directly on the main display.



Capture&Record

Easy to capture screen shots and record actual events



Functions shortcuts

Easily access to functions such as Manual breath, nebulization& Oxygen boost etc. by clicking the shortcuts on main display.

Configurable shortcuts in MANEUVERS->Shortcut interface.



Layout setups

Provides multiple layout option, easily set to visualize different graphics and monitoring values such as dynamic lung, SMPs, loops & waves.

Mechanical Features

- Ergonomic Design.

- Detachable main unit & screen.

- Flexibly installed on the pendant, trolley and bedside, and adapt to different use environments.

- Lightweight, slender, air supply by high-performance turbine, and supports intra-hospital transport.



Advanced Features

The advanced features help you individualize your patient's ventilation and to implement a lung-protective ventilation strategy.

Adaptive Minute Ventilation

Adjusts respiratory rate, tidal volume, and inspiratory pressure continuously, depending on the patient's lung mechanics and effort.

AMV adapts ventilation breath-by-breath, 24 hours a day, and from intubation to extubation.

Transpulmonary pressure measurement

Allows optimization of PEEP, tidal volume, and inspiratory pressure.

Use it in combination with the PV Tool to assess lung recruitability more precisely and perform recruitment maneuvers.

SI tool

Administers a pressure higher than that of the regular average airway and maintain for a specified period of time.

SI Tool uses the constant pressure ventilation method to provide a single-cycle recruitment maneuver.

PV Tool

Helps you assess recruitability and set PEEP based on respiratory mechanics. It also provides a repeatable method for quickly performing recruitment maneuvers.

Intelligence weaning

SBT

-Spontaneous Breath Test

Independently and actively collects the main clinical indicators of the total patients in the weaning attempt, and directly feed back to the doctor for parameter setting and adjustment, which reduces the workload of medical staff and makes the offline process simple and programmed.

Auto Trigger

- Patient-ventilator synchrony

Keeps an eye on patient-ventilator synchrony by continuously analyzing waveform shapes hundreds of times per second. It can immediately detect the patient's effort and circulation, and start inhalation and exhalation in real time.

Basic Features

Ventilation modes

Mode form	Mode name	Adult/Ped	Neonatal
Volume-controlled	VCV	/	
	VSIMV	✓	
	PRVC	✓	✓
	PRVC/SIMV	✓	✓
Pressure-controlled	PCV	✓	✓
	PSIMV	✓	✓
	BPAP	✓	✓
	APRV	✓	/
	PSV	✓	✓
Intelligent Ventilation	AMV	✓	
Noninvasive Ventilation	NIV	✓	✓
	NIV-ST	✓	✓
	NCPAP		✓
	NCPAP-PS		✓
	NCPAP-PC		✓
Oxygen Therapy	HFOT	✓	✓

Maneuvers

	Nebulization
	O2 Boost
	Manual Breath
	Inspiration Hold
	Expiration Hold

Lung protection tools

SpO2* P 0.1 PEEPi NIF PV tool SI Tool Dynamic Lung		CO2 analyzer
PEEPi NIF PV tool SI Tool Dynamic Lung		SpO2*
NIF PV tool SI Tool Dynamic Lung		P 0.1
PV tool SI Tool Dynamic Lung		PEEPi
SI Tool Dynamic Lung		NIF
Dynamic Lung		PV tool
		SI Tool
Turanananananananan		Dynamic Lung
Transpulmonary pressure		Transpulmonary pressure

Invasive ventilation

Parameter	
Tidal Volume	Adult: 100 to 2500 ml
	Pediatric: 20 to 300 ml
	Neonatal: 2 to 100 ml
Inspiratory Flow	<= 260 L/min
PEEP	Adult: 0 to 50 cmH2O
	Pediatric: 0 to 50 cmH2O
	Neonatal: 0 to 25 cmH2O
Pressure above PEEP	Adult: 100-PEEP cmH2O
	Pediatric: 60-PEEP cmH2O
	Neonatal: 60-PEEP cmH2O

Weaning tools

	SBT Tool
	AMV mode
	Auto Trigger
	Esophageal pressure

Miscellaneous information

Dimension	User interface:
	W 366 x D 50 (90 with cable) x H 300 mm
	Patient unit:
	W 300 x D 205 x H 420 mm
	Patient unit with handle:
	W 435 x D 210 x H 530 mm
Weight	Monitor: 7.8 kg
	Ventilation unit: 10.5 kg
	46 kg (101 lb) with full set
Screen	Color TFT, 15 inches touchscreen
Batteries	2 included, >=3.0 hour per each
Oxygen	Pressure: 2.8 to 6 bar / 41 to 87 psi
	Flow: Maximum of 150 L/min
	Connector: DISS or NIST
Nebulization	Pheumatic type
CO2	Mainstream and sidestream
External Device Interface	RS-232, HDMI, USB and Nurse call

Service& Training

Accessories

Our accessories and consumables are specially developed for the highest possible patient safety and ease of use. Choose between reusable and disposable parts according to your institutional policies.

Training

The product trainer is designed to support you in learning how to operate the M9 effectively and with confidence – whenever and wherever you want. You can simulate the ventilation of a patient online or using data on CD.





Service

We can provide the right contract whatever the challenge: from simple inspection to preventative maintenance all the way to full service. We have the solution to meet your individual needs.

