

Intensive Care Ventilator

MV200/ MV300

Intended use: artificial lung ventilation in operation rooms, resuscitation and intensive care units, for hospital transportation.

Patient types: adult, pediatric, infant.

Display: 12.1" (MV200) or 15" (MV300), touchscreen, color, viewing angle adjustment.

Gas supply: built-in turbine; oxygen from central gas pipeline, cylinder or O2 concentrator.

Mobile rack-trolley, pneumatic nebulizer, USB.

Power: 100-250V, 50/60 Hz, built-in battery, up to 6 h of operation.



Ventilation parameters

Tidal volume, ml	10–3000
Respiratory rate, bpm	1–120
Flow trigger sensitivity, lpm	0.5–20
Pressure trigger sensitivity, cmH ₂ O	0.5–20

Ventilation modes

		K0.19	K1.19	K2.19
Mandatory ventilation	CMV VCV, CMV PCV	+	+	+
	PCV VG	optional	+	+
Synchronized intermittent mandatory ventilation	SIMV VC, SIMV PC	+	+	+
	SIMV DC	optional	+	+
Spontaneous breathing	CPAP, APRV	+	+	+
	BiSTEP	+	+	+
	NIV	optional	+	+
Adaptive ventilation	iSV	optional	optional	+
Pressure support function	PS	+	+	+

Additional functions

	K0.19	K1.19	K2.19
Mainstream CO ₂ sensor, including reusable airway adapter	optional	+	+
Gas analysis module with metabolic evaluation		+	+
Volumetric capnometry (VCO ₂), monitoring of alveolar ventilation and cardiac output (CO) according to Fick		+	+
Auxiliary external pressure module (P _{aux}) in trachea or esophagus using a catheter, P _{aux} wave			+
Spontaneous breathing support in all ventilation modes	+	+	+
SpO ₂ module, including reusable sensors (adult – 1, pediatric – 1)	optional	optional	optional

Additional accessories, USD

1. Humidifier with servo control (VADI)
2. Humidifier without servo control
3. Humidifier with servo control (MR850, Fisher&Paykel) with humidifier chamber
4. Nebulizer AeroGen
5. NIV basic kit (full face mask, connector)
6. NIV startup kit (disposable NIV mask)
7. Breathing circuit, reusable, adult/pediatric
8. Humidifier chamber G-314002, VADI
9. Humidifier chamber MR370, Fisher&Paykel
10. Extended warranty period for 12 months (excluding consumables)