

Intensive Care ventilator Zisline MV300

Comparison of configurations

Adults, children, newborns

13 ventilation modes maximum

Built-in turbine

Independed from compressed air sources. The turbine does not require special maintenance and ensures the operation for 40 000 hours

Advanced patient monitoring

- Mainstream CO₂
- Volumetric CO₂
- Evaluation of patients metabolic needs
- Auxiliary pressure
- SpO₂
- Respiratory mechanics
- Cardiac output by Fick method

13 ventilation modes

- Mandatory ventilation modes
- Modes of spontaneous breathing
- Non-invasive ventilation modes
- Intelligent ventilation
- High-flow oxygen therapy mode

Reliable autoclavable exhalation valve

Ventilator is equipped with exhalation valve, which can be easily disconnected from the device and processed in autoclave

Basic universal ventilation:

Intended use: ICUs, ORs, intra hospital transportation

Patient types: adult, pediatric, infant

Display: 15" color touchscreen

Air supply: built-in turbine

Oxygen supply: hospital pipeline, cylinder or O2 concentrator (option)

Power supply: 100–250 V, 50/60 Hz, built-in battery for 4 to 6 hours

Description / Model / Version	Zisline MV300 K0	Zisline MV300 K1	Zisline MV300 K2
Tidal volume, ml	10-3000	10-3000	10-3000

Default ventilation modes

Description / Model / Version	Zisline MV300 K0	Zisline MV300 K1	Zisline MV300 K2
Mandatory ventilation	CMV VCV	+	+
	CMV PCV	+	+
	PCV VG	+	+
Synchronized intermittent mandatory ventilation	SIMV VC	+	+
	SIMV PC	+	+
	SIMV DC	+	+
Spontaneous breathing	CPAP+PS	+	+
	CPAP+VS	+	+
	APRV	+	+
	BiSTEP + PS	+	+
Non-invasive ventilation	NIV	+	+
	HF_O ₂	+	+
Back-up mode	Apnea	+	+
Adaptive ventilation	iSV	option	option

Integrated features

Description / Model / Version	Zisline MV300 K0	Zisline MV300 K1	Zisline MV300 K2
Mainstream CO ₂	option	+	+
Volumetric capnometry	not available	+	+
Calculation of cardiac output	not available	+	+
Metabolic evaluation (indirect calorimetry)	not available	+	+
Auxiliary pressure measurement port	not available	not available	+
SpO ₂	option	option	option
Low pressure port	option	option	option
Ultrasound O ₂ sensor	option	option	option
Depth of anesthesia and sedation monitoring	option	option	option
HL7 data export format	option	option	option

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