Intensive Care Ventilator Zisline MV350 Comparison of configurations

All patients, including preterm babies
15 ventilation modes maximum

Turbine-driven

Zisline MV350 is a state of the art turbine-driven ventilator suitable for all patient groups, including extremely low weight babies

Minimum tidal volume from 1 ml

MV350 has very reliable digital proximal flow sensor. The sensor measures volume and flow velocity at the ET-tube.
This allows to deliver extremely precise breathing gas volumes and to respond to any breathing attempts of the patient

Reliable autoclavable exhalation valve

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

Proximal Flow Sensor

- For neonates only
- Digital and precise
- Small tidal volume from 1 ml
- Reusable autoclavable or disposable
- No sensor calibration required

Patient types:

- adult
- pediatric
- neonatal (from 500 g)

Basic universal ventilation:

Intended use: ICUs, ORs, intra hospital transportation
Patient types: adult, pediatric, neonatal (from 500 g)
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 MV350 K0	Zisline MV350 K1
Tidal volume, ml	1-3000	1-3000
Screen size, inches	15	15

Default ventilation modes

Description / Model / Version		Zisline MV350 K0	Zisline MV350 K1
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	+	+
	nCPAP	+	+
	nIMV	+	+
Adaptive ventilation	iSV	Option	+
Back-up mode	Apnea	+	+

Integrated features

Description / Model / Version	Zisline MV350 K0	Zisline MV350 K1
Mainstream CO_2	Option	+
Volumetric capnometry	Not available	+
Calculation of cardiac output	Not available	+
Metabolic evaluation (indirect calorimetry)	Not available	+
Auxiliary pressure measurement port	+	+
SpO_2	Option	Option
Low pressure port	Option	Option
Ultrasound O_2 sensor	Option	Option
Depth of anesthesia and sedation monitoring	Option	Option
HL7 data export format	Option	Option

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