Zisline T100 Ventilator

Zisline T100 Ventilator is designed for controlled and assisted artificial ventilation.

Patient types:

- adult
- pediatric
- neonatal (from 500 g)*

Basic universal ventilation:

Intended use: transport, emergency
Display: 10.1" color touchscreen
Air supply: built-in turbine
Oxygen supply: hospital pipeline, cylinder or O2 concentrator
Power supply: 100–240 V, 50/60 Hz, built-in battery 8 hours.

Default ventilation modes

Mandatory ventilation	controlled mandatory lung ventilation with volume control	CMV VCV
	controlled mandatory ventilation with pressure control	CMV PCV
	ventilation with inspiration pressure control and guaranteed delivery of target tidal volume	PCV VG
Synchronized intermittent mandatory ventilation	synchronized intermittent mandatory ventilation mode with volume control with pressure support	SIMV VC
	synchronized intermittent mandatory ventilation mode with pressure control with pressure support	SIMV PC
	synchronized intermittent mandatory ventilation mode with pressure control and delivery of target tidal volume with pressure support	SIMV DC
Spontaneous breathing	cventilation mode supporting spontaneous breathing with the continuous positive airway pressure with the pressure support	CPAP+PS
	the spontaneous ventilation mode with the continuous positive airway pressure with the pressure support set by the device and delivery of a target respiratory volume	CPAP+VS
	airway pressure release ventilation mode	APRV
	spontaneous ventilation mode at two levels of continuous positive airway pressure with pressure support of spontaneous breaths	BiSTEP + PS
Non-invasive ventilation	non-invasive ventilation	NIV
	high flow oxygen therapy mode	HF_O_2
	non-invasive respiratory mode with continuous pressure support using a nasal cannula or mask	nCPAP*
	nasal intermittent mandatory ventilation with pressure control and pressure support of spontaneous inspirations using nasal cannulas or masks	nIMV*
Adaptive ventilation	adaptive ventilation (intellectual support ventilation mode)	iSV
Back-up mode	automatic backup ventilation mode in case of apnea	Apnea

* with Neonatal option

Ventilation parameters

Tidal volume	20–3000 / 2–3000* ml
Respiratory rate	1–120 / 1–150* bpm
Inspiratory time	0.2–15 s
Flow trigger sensitivity	0.5–20 / 0.1–20* lpm
Pressure trigger sensitivity	0.5–20 cm H_2O
PEEP	0–50 cm H_2O
Inspiratory pressure	0–100 cm H_2O
Pressure support	0-80 cm H_2O

* with Neonatal option

Start-up delivery set / Quantity, pcs.

Electronic unit	1
Power cable	1
High pressure oxygen hose	1

Spare parts

Exhalation valve	1
Membrane	1
Filter element (microfilter)	1
Dust filter	1
HEPA filter	1
Bacterial filter	1

Documents

User Manual	1

Integrated features

Alveolar recruitment maneuver
Oxygenation
Suction
Leak compensation
Manual breath
Auxiliary pressure measurement port
Low pressure O_2 port

Additional options

Neonatal option, including reusable proximal flow sensor with cable	option
CO_2 option, including sensor and reusable airway adapter (for adult / pediatric)	option
SpO_2 option, including adult and pediatric reusable sensors	option

Contacts

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