



PORT+

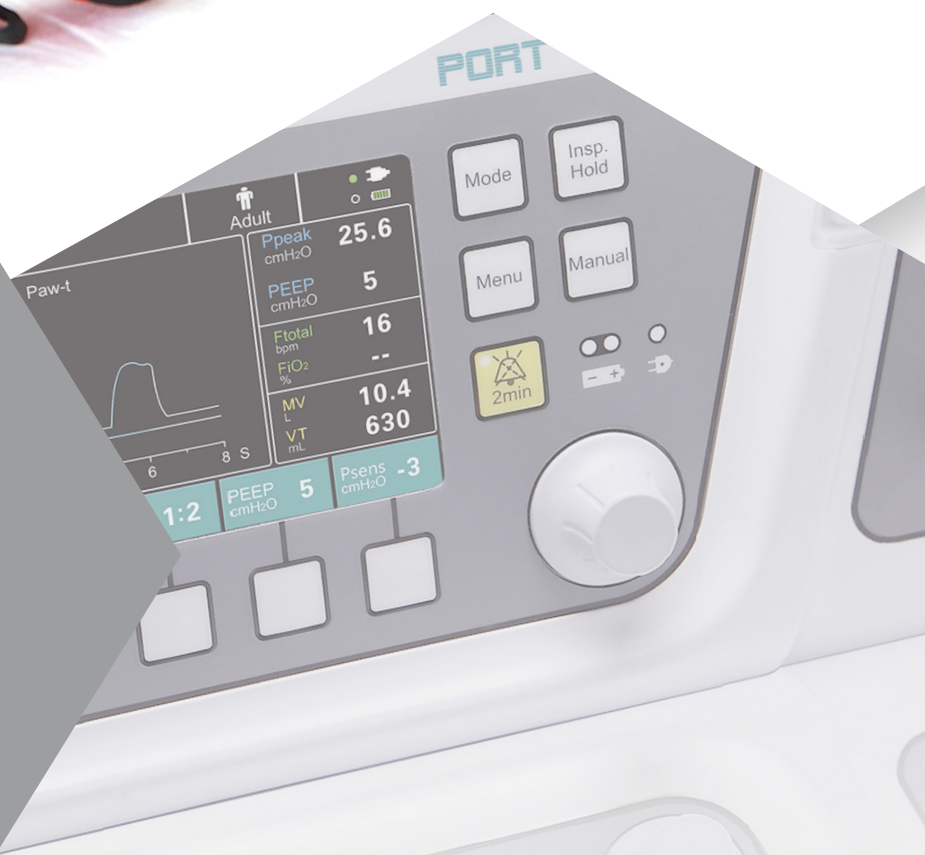
EMERGENCY TRANSPORT VENTILATOR





PORT+

- COMBINES ADVANCED TECHNOLOGY AND VERSATILE VENTILATION FUNCTION
- MEETS THE BREATHING REQUIREMENTS OF ADULTS, PEDIATRICS AND INFANT PATIENTS
- PNEUMATICALLY DRIVEN ELECTRONICALLY CONTROLLED



MULTI-FUNCTIONAL EMERGENCY TRANSPORT VENTILATOR

It helps optimize quality of care & patient comfort, improving patient outcomes. One device addresses diverse ventilation requirements, fully covering various situations.

Integrated with Versatile Ventilation Modes

- Pressure control & volume control mode
- Invasive & Non-Invasive ventilation
- SPONT/PSV, CPAP modes

Manual Respiratory Maneuver: Manual breath, Inspiratory hold

Enhancements:

- FiO₂ 40% to 100% continuously adjustable
- Waveform display: Pressure-time, Flow-time
- Alarm silence, Initial start-up test

Features:

- Simple operation, compact design and reliable performance
- Waveform display and ventilation parameter monitoring
- Electronically controlled PEEP
- Acoustic and visual alarms, anti-crash design
- Direct access to critical settings and patient data

Physical Specifications

Dimensions (W x H x D)	175 mm x 170 mm x 300 mm -(6.89 inch x 6.69 inch x 11.81 inch)
Weight	Approx. 3.2 kg (7.3 lbs)
Mounting:	
Equipped with frame and oxygen tank	Approx. 9kg (19.8 lbs)
Screen size	5" LCD screen
Battery run time	more than 4.5 hours
Work temperature	-18 - 50°C

Patient type

Adult	●
Pediatric	●
Infant	●

Ventilation modes

A/C-V	●
A/C-P	●
SIMV-V	●
SIMV-P	●
SPONT/PSV	●
CPAP	●
SIGN	●
Manual	●

Ventilation Settings

Ventilation frequency (RR)	Apnea ventilation 1 to 120 bpm 1 to 40 bpm (SIMV)
I:E Ratio	4:1 to 1:10
Inspiratory Time	0,1 – 15 s
Tidal Volume (VT)	0-2000ml
Inspiratory Flow	0,1 – 90 L/min
PEEP	0 to 30mbar (or hPa or cmH2O)
TP	0 to 5s
PSV	0 to 50 cmH2O
PCV	5 to 50 cmH2O
CPAP	0 to 30 cmH2O
O2 concentration (FiO2)	40 to 100 Vol%
Trigger sensitivity	Flow / Pressure
Flow	2-30 L/min
Pressure	-20 to 0 mbar (or hPa or cmH2O)

Measured values displayed

Airway pressure measurement	Peak inspiratory pressure (PIP)
Flow measurement	Mandatory minute volume (MVmand)
Tidal volume measurement	Range: 0-3000ml
Frequency measurement	Range: 0-120 bpm
Respiratory rate (RR)	
Oxygen concentration	Range: 21-100 %

Display calculated values

Curve displays	Airway pressure (t) (Paw)
	-20 to 80 mbar (or hPa or cmH2O)
	Flow-time

Alarms / Monitoring

Airway pressure (Paw)	High / Low
Apnea alarm time (Tapn)	15 seconds
Battery low	●
External power lost	●
O2 deficiency	●
System breakdown	●
Oxygen concentration	High / Low
MV	High / Low
(All alarms with visual and audio signals)	

Performance data

Control principle	Time-cycled, pressure-controlled, continuous flow
Inspiratory flow	0 to 90 L/min

Clinical prevention tool

Inspiratory hold	
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Operating Data

Main supply	100 V to 240 V, 50/60Hz,
Main power connection	Power: current ≤ 1.5A

Subject to changes without prior notice!



SOCIMED

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