

## Customizable system configurations

The LTV 1200 ventilator can be custom-configured with a wide range of accessories to meet the needs of demanding care environments.

Accessories	Part number
LTM graphics monitor package	17650-001
Floor stand	10611
Short crossbar	11451
Long crossbar	11452
Circuit support arm	11501
Humidifier pole	11453
Utility basket	11450
SprintPack Lithium-Ion Power System	19222-001
SprintPack bracket	19096-001
SprintPack transport pack	19102-001

## Specifications

Physical specifications with boots (approx.)	
Weight	14.5 lb (6.5 kg)
Height	3.25" (8.4 cm)
Width	10.5" (27 cm)
Depth	13.5" (38 cm)
Variable alarms	
Apnea interval	10–60 sec
High pressure limit	5–100 cmH <sub>2</sub> O
Low peak pressure	Off, 1–60 cmH <sub>2</sub> O
Low minute volume	Off, 0.1–99 L
High PEEP	Off, 3–20 cmH <sub>2</sub> O above set PEEP
Low PEEP	Off, -3– -20 cmH <sub>2</sub> O below set PEEP
High rate	Off, 5–80 BPM
Alarm volume	60–85 dBA

Controls	
Power	On/Standby
Ventilation modes	Control, Assist/Control, SIMV/CPAP and NPPV
Breath types	VC, PC, PS and spontaneous
Breath rate	0–80 BPM
Tidal volume	50–2,000 mL
Inspiratory time	0.3–9.9 sec
PC/PS/Spontaneous flow	160 LPM
Pressure control	1–99 cmH <sub>2</sub> O
Pressure support	1–60 cmH <sub>2</sub> O
Sensitivity	Off, 1–9 LPM
O <sub>2</sub> %	21–100%
O <sub>2</sub> flush	1–3 min
Low pressure O <sub>2</sub>	On/Off
PEEP/CPAP	0–20 cmH <sub>2</sub> O
Insp/Exp hold	6 seconds maximum
Manual breath	1x current settings
Control lock	Easy or hard unlock options

Monitors and indicators	
Peak inspiratory pressure	0–120 cmH <sub>2</sub> O
Mean airway pressure	0–99 cmH <sub>2</sub> O
PEEP	0–99 cmH <sub>2</sub> O
Breath rate	0–250 BPM
Airway pressure display	-10–108 cmH <sub>2</sub> O
Exhaled tidal volume	0–4,000 mL
Exhaled minute volume	0–99.9 L
I:E ratio	99:1–1:99
Calculated peak flow	10–100 LPM
AutoPEEP	0–100 cmH <sub>2</sub> O
Static compliance	1–999 mL/cmH <sub>2</sub> O
Patient effort	Green LED

Fixed alarms	
Disconnect/Sense	
External power low and lost	
High and low O <sub>2</sub> inlet pressure	
Internal battery low and empty	
Ventilator inoperative	

Extended features	
SBT	
Ventilator presets ( <i>infant, pediatric and adult</i> )	
Variable rise time	
Variable flow termination	
Variable time termination	
Pressure control flow termination	
Leak compensation	
O <sub>2</sub> conserve	
O <sub>2</sub> cylinder duration calculation	
O <sub>2</sub> flush	
Apnea interval	

Pneumatic specifications	
High pressure O <sub>2</sub> source	40–80 PSIG (2.8–5.5 bar)
Low pressure O <sub>2</sub> source	< 80 LPM, < 10 PSIG

Power indicators	
External power	Green and amber LEDs
Battery charge status	Green, amber and red LEDs
Battery level	Green, amber and red LEDs

Power specifications	
Ventilator input 11–15 VDC	
AC adapter input 100–250 VAC	
50–60 Hz	

Environmental specifications	
Operating temperature	5–40 °C (40–104 °F)
Storage temperature	-20–60 °C (-4–140 °F)
Operating humidity	15–95% relative
Storage humidity	10–95% relative
Shock compliance	MIL-STD-810F
Vibration compliance	MIL-STD-810F

Standards and regulatory compliance	
RTCA/DO-160F	
ANSI/UL STD 60601-1	
IEC 60601-2-12	
cETLus	
CAN/CSA C22.2 STD NO. 601.1	

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