

Versatile enough to live well. Portable enough to move.

LTV[®] 900 ventilator

The LTV[®] 900 ventilator is laptop sized and contains advanced functions such as pressure support and flow triggering. Its miniaturization technology and sophisticated design make it easy to manage yet adaptable to many therapy needs. This innovation provides improved performance with maximum mobility.

Key features include:

- For 5 kg to adult patients
- Lightweight, turbine technology in a compact, portable design
- Volume control and pressure support modes
- Invasive or non-invasive ventilation



Specifications		
Physical specifications		With boots
Weight	13.4 lbs. (6.1 kg)	14.45 lbs. (6.5 kg)
Height	3 inches (8 cm)	3.25 inches (8.4 cm)
Width	10 inches (23 cm)	10.5 inches (27 cm)
Depth	12 inches (30 cm)	13.5 inches (38 cm)

Controls	
Power	On/standby
Ventilation modes	Control, Assist/Control, SIMV, CPAP, NPPV
Breath types	Volume Control, Pressure Support, Spontaneous
Breath rate	0 to 80 bpm
Tidal volume	50 to 2000 ml
Inspiration time	0.3 to 9.9 seconds (100 lpm)
PS/Spontaneous flow	160 lpm
Pressure support	Off, 1 to 60 cmH ₂ O
Sensitivity	Off, 1 to 9 lpm
Bias flow	10 lpm during exhalation
PEEP/CPAP	0 to 20 cmH ₂ O
Control lock	Easy or hard unlock
Manual breath	1 x current settings

Standards and regulatory compliance
cETLus Listed
ISO 13485 Registered (FM 75092)
IEC 601-2-12



Manufactured for:
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Authorized Representative:
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Fixed alarms	
Disconnect/sense line	
Low and lost external power	
Low and empty internal battery	
High and low oxygen inlet pressure	
Apnea interval	10 to 60 seconds
Alarm silence/reset	60 seconds

Monitors and indicators	
Peak inspiratory pressure	0 to 120 cmH ₂ O
Mean airway pressure	0 to 99 cmH ₂ O
PEEP	0 to 99 cmH ₂ O
Total breath rate	0 to 250 bpm
Airway pressure display	-10 to 108 cmH ₂ O
Exhaled tidal volume	0 to 4000 ml
Total minute volume	0 to 99.9 liters
IE ratio	99:1 to 1:99
Calculated peak flow	10 to 100 lpm
Patient effort	Green LED

Optional accessories	
LTM™ Graphics Monitor package	PN 17650-001
SprintPack lithium ion power system	PN 19222-001
Floor stand	PN 10611
Utility basket	PN 11450
Long crossbar	PN 11452
Circuit support arm	PN 11501
Humidifier pole	PN 11453
Oxygen cylinder ring set	PN 11455
Transport pack for SprintPack	PN 19102-001
SprintPack mounting bracket	PN 19096-001

Pneumatic specifications	
Low pressure O ₂ source	<80 lpm, <10 PSIG

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

Extended features
NPPV mode
Apnea back-up ventilation
Rise time, time term, flow term

Power specifications
Ventilator input: 11 to 15 VDC
AC adaptor input: 100 to 250 VAC
50 to 60Hz

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

Variable alarms	
High pressure limit	5 to 100 cmH ₂ O
Low peak pressure	Off, 1 to 60 cmH ₂ O
Low minute volume	Off, 0.1 to 99 liters
Alarm volume	60 to 80 dBA at 1 meter
Ventilator inoperative	Red LED, audible alarm
High rate alarm	Off, 5 to 80 bpm
High PEEP alarm	Off, 3 to 40 cmH ₂ O

For more information, please contact Customer Service within the USA at: **800.754.1914**, International: **+1 763.398.8300**.

LTV™ 900 product specifications are subject to change. Please consult your Sales Representative or CareFusion if you have any questions regarding updates to the product specifications.

