

LTV[®] 950 Ventilator

*Light Enough to Move Well
Advanced Enough to Breathe Well*

The LTV[®] 950 ventilator weighs only 13.4 pounds yet provides many advanced functions required for today's therapy needs - pressure control, pressure support and flow-triggering. This sophisticated technology combined with enhanced portability enables the user to be mobile and comfortable.



PulmoneticSystems[®]
Innovations For Life

LTV[®] 950 Ventilator



Specifications

Physical Specifications:

Weight:	13.4 lbs. (6.1 kg)	With Boot:	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 Control, Pressure Support, Spontaneous
Breath Rate:	0 - 80 breaths per minute
Tidal Volume:	50 - 2000 ml
Inspiration Time:	0.3 - 9.9 seconds (100 lpm)
PC/PS/Spontaneous Flow:	160 lpm
Pressure Control:	1 - 99 cmH ₂ O
Pressure Support:	Off, 1 - 60 cmH ₂ O
Sensitivity:	Off, 1 - 9 lpm
Bias Flow:	10 lpm during exhalation
PEEP/CPAP:	0 - 20 cmH ₂ O
Control Lock:	Easy or Hard unlock methods
Manual Breath:	1 x current settings

Variable Alarms:

Apnea Interval:	10 - 60 seconds
High Pressure Limit:	5 - 100 cmH ₂ O
Low Peak Pressure:	Off, 1 - 60 cmH ₂ O
Low Minute Volume:	Off, 0.1 - 99 liters
Alarm Volume:	60 - 85 dBA at 1 meter
Alarm Silence/Reset:	60 seconds
Ventilator Inoperative:	Red LED, audible alarm
High Rate Alarm:	Off, 5 - 80 bpm
High PEEP Alarm:	Off, 3 - 40 cmH ₂ O

Fixed Alarms:

Disconnect/Sense Line
Low & Lost External Power
Low & Empty Internal Battery
High & Low Oxygen Inlet Pressure

Monitors and Indicators:

Peak Inspiratory Pressure:	0 - 120 cmH ₂ O
Mean Airway Pressure:	0 - 99 cmH ₂ O
PEEP:	0 - 99 cmH ₂ O
Total Breath Rate:	0 - 250 bpm
Airway Pressure Display:	-10 - 108 cmH ₂ O
Exhaled Tidal Volume:	0 - 4000 ml
Total Minute Volume:	0 - 99.9 liters
IE Ratio:	99:1 - 1:99
Calculated Peak Flow:	10 - 100 lpm
Patient Effort:	Green LED

Power Indicators:

External Power:	Green, Amber LEDs
Charge Status:	Green, Amber, Red LEDs
Battery Level:	Green, Amber, Red LEDs

Optional Accessories:

LTM Graphics Monitor Package - P/N 11000
Universal Power Supply - P/N 14546-001
Floor Stand - P/N 10611
Utility Basket - P/N 11450
Long Crossbar - P/N 11452
Circuit Support Arm - P/N 11501
Humidifier Pole - P/N 11453
Oxygen Canister Ring Set - P/N 11455
UPS Mounting Bracket - P/N 15009-001

Extended Features:

Apnea Back-up Ventilation
Pressure Control and Pressure Support Variable Rise Time
Pressure Control and Pressure Support Variable Flow Termination Criteria
Pressure Support Variable Time Termination
Leak Compensation

Power Specifications:

11 - 15 VDC
90 - 250 VAC
47 - 63 Hz

Pneumatic Specifications:

Low Pressure O ₂ Source:	< 80 lpm, <10 PSIG
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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-810E
Vibration Compliance:	MIL-STD-810E

Standards and Regulatory Compliance:

ETC, cETL Listed
ISO 13485 Registration
IEC 601-2-12
BSI Registered FM 45841