

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.



LTV[®] 950 Ventilator



Specifications

Physical Specifications:

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)

With Boot:

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 17650-001
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 75092