

Light enough to move well. Advanced enough to breathe well.

LTV[®] 950 ventilator

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.

Key features include:

- Lightweight, portable design
- For patients 5 kg to adult
- Volume Control, Pressure Control and Pressure Support
- Invasive or Noninvasive modes
- Apnea Back-up, Variable Flow and Rise Times



LTV 950 product specifications are subject to change. Please consult your Sales Representative or CareFusion if you have any questions regarding updates to the product specifications.

Controls

| | |
|------------------------|---|
| Power | On/standby |
| Ventilation modes | Control, Assist/Control, SIMV/CPAP, NPPV |
| Breath types | Volume Control, Pressure Control, Pressure Support, Spontaneous |
| Breath rate | 0 to 80 bpm |
| Tidal volume | 50 to 2,000 mL |
| Inspiratory time | 0.3 to 9.9 seconds |
| PC/PS/Spontaneous flow | 160 lpm |
| Pressure control | 1 to 99 cmH ₂ O |
| Pressure support | Off, 1 to 60 cmH ₂ O |
| Sensitivity | Off, 1 to 9 lpm |
| PEEP/CPAP | 0 to 20 cmH ₂ O |
| Control lock | Easy or hard unlock |
| Manual breath | 1 x current settings |

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 4,000 mL |
| Total minute volume | 0 to 99.9 liters |
| I:E ratio | 99:1 to 1:99 |
| Calculated peak flow | 10 to 100 lpm |
| Patient effort | Green LED |

Pneumatic specifications

| | |
|------------------------------------|-------------------|
| Low pressure O ₂ source | <80 lpm, <10 PSIG |
|------------------------------------|-------------------|

Fixed alarms

| | |
|------------------------------------|------------------------|
| Disconnect/sense | |
| Low and lost external power | |
| Low and empty internal battery | |
| High and low oxygen inlet pressure | |
| Alarm silence/reset | 60 seconds |
| Ventilator inoperative | Red LED, audible alarm |

Variable alarms

| | |
|---------------------|---------------------------------|
| Apnea interval | 10 to 60 seconds |
| 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 85 dBA |
| High rate alarm | Off, 5 to 80 bpm |
| High PEEP alarm | Off, 3 to 40 cmH ₂ O |

Optional accessories

| | |
|-------------------------------------|--------------|
| LTM™ Graphics Monitor package | PN 17650-001 |
| SprintPack Lithium-Ion Power System | PN 19222-001 |
| SprintPack transport pack | PN 19102-001 |
| Floor stand | PN 10611 |
| Utility basket | PN 11450 |
| Long crossbar | PN 11452 |
| Circuit support arm | PN 11501 |
| Humidifier pole | PN 11453 |

Power indicators

| | |
|----------------|------------------------|
| External power | Green, amber LEDs |
| Charge status | Green, amber, red LEDs |
| Battery level | Green, amber, red LEDs |

Physical specifications

| | | With boot |
|--------|-------------------|--------------------|
| Weight | 13.4 lbs (6.1 kg) | 14.45 lbs (6.5 kg) |
| Height | 3" (8 cm) | 3.25" (8.4 cm) |
| Width | 10" (25 cm) | 10.5" (27 cm) |
| Depth | 12" (30 cm) | 13.5" (38 cm) |

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 |

Extended features

| | |
|--|--|
| Apnea interval | |
| Variable rise time | |
| Variable flow termination | |
| Pressure control flow termination on/off | |
| Variable time termination | |
| Leak compensation | |


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 |

Power specifications

| | |
|-------------------|----------------|
| Ventilator input: | 11 to 15 VDC |
| AC adapter input: | 100 to 250 VAC |
| | 50 to 60 Hz |

For more information, please contact Customer Service within the United States at: 800.754.1914 and International at: +1 763.398.8300.

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 **WARNING**—U.S. Federal Law restricts this device to sale by or on the order of a physician.

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