

Experience The Freedom To Go Home

Whether in the hospital or in the post acute care facility, the LTV 1150 enables patients to experience the freedom to go home. Patients receiving ventilation support on the LTV 1200 can go home on the LTV 1150 using the same settings! The LTV 1150 extended feature set, including internal PEEP and SBT, is derived from the legendary LTV 1200 and provides a warmer new look that maintains the light weight and small dimensions of the LTV series in a modern, people friendly package.



Ease of Use @ Home

Ventilator setup for new patients is quick and easy. Presets allow the clinician to select the patient type, and the LTV 1150 automatically configures the initial ventilation settings for Infant, Pediatric, or Adult patients. Clinicians can optimize ventilator presets using the intuitive LTV 1150 interface. Active controls and alarms settings are illuminated for easy identification of ventilation parameters.



Spontaneous Breathing Trial @ Home

The LTV 1150 includes a Spontaneous Breathing Trial (SBT) feature. Preset Rapid Shallow Breathing Index (RSBI) monitoring provides a time proven method for detecting respiratory fatigue. The LTV 1150 SBT allows the user to set high and low RSBI limits and a timer to allow a patient to breathe supported spontaneous breaths for the preset time. Should the patients' RSBI cross the preset high or low limit, the ventilator will automatically return the patient to the preset mechanical breathing settings. This allows the user to tailor-make SBT routines.



Internal PEEP Control @ Home

The LTV 1150 utilizes an internal PEEP control. This reduces cost and weight of circuits by eliminating the need for in-circuit mechanical PEEP valves. The LTV 1150 uses the same patient tubing circuits as the LTV 1200; thus reducing circuit waste during transition planning, from the hospital to home or post acute care sites. Simply remove the circuit from the LTV 1200 and place it on the LTV 1150!

One Setting... Two Ventilators

The LTV 1150 and LTV 1200 utilize the same intuitive settings and user interface, simplifying training and reducing confusion. When managing transitions, ventilator settings can be transferred from the LTV 1200 to the LTV 1150! Since the LTV 1200 is becoming more common in hospitals, the ability to send a patient home on the same settings saves time and reduces mistakes. The LTV 1150 includes inspiratory and expiratory pause hold feature and measurement of auto PEEP and static compliance.



Accessories

Part Number

LTM Graphics Monitor Package	17650-001
Table Stand	10695
Floor Stand	10611
Short Crossbar	11451
Long Crossbar	11452
Circuit Support Arm	11501
Humidifier Pole	11453
Utility Basket	11450
Oxygen Canister Ring	11455
Universal Power Supply	14546-001
UPS Mounting Bracket	15009-001
SprintPack Li Ion Power System	19222-001
Sprint Pack Power Manager	19333-001
SprintPack Battery	19444-001
SprintPack Bracket	19096-001
Transport Pack for SprintPack	19102-001



LTV 1150 Specifications

Physical Specifications with Boots (Approx.)

Weight:	14.5 lbs (6.5 kg)
Height:	3.25 inches (8.4 cm)
Width:	10.5 inches (27 cm)
Depth:	13.5 inches (38 cm)

Controls

Power:	On/Standby
Ventilation Modes:	Control, Assist/Control, SIMV, CPAP and NPPV
Breath Types:	VC, PC, PS and Spontaneous
Breath Rate:	0 to 80 bpm
Tidal Volume*:	50 to 2000 ml
Inspiratory Time:	0.3 to 9.9 seconds
PC/PS/Spont. Flow:	160 lpm
Pressure Control:	1 to 99 cmH2O
Pressure Support:	1 to 60 cmH2O
Sensitivity:	Off, 1 to 9 lpm
PEEP/CPAP:	0 to 20 cmH2O
Insp/Exp Hold:	6 second maximum
Manual Breath:	1 x current settings
Control Lock:	Easy or Hard Unlock Options

Variable Alarms

Apnea Interval:	10 to 60 seconds
High Pressure Limit:	5 to 100 cmH2O
Low Peak Pressure:	Off, 1 to 60 cmH2O
Low Minute Volume:	Off, 0.1 to 99 liters
High PEEP:	Off, 3 to 20 cmH2O
Low PEEP:	Off, -3 to -20 cmH2O
High Rate:	Off, 5 to 80 bpm
Alarm Volume:	60 to 85 dBA at 1 meter

Monitors and Indicators

Peak Inspiratory Pressure:	0 to 120 cmH2O
Mean Airway Pressure:	0 to 99 cmH2O
PEEP:	0 to 99 cmH2O
Breath Rate:	0 to 250 bpm
Airway Pressure Display:	-10 to 108 cmH2O
Exhaled Tidal Volume:	0 to 4000 ml
Exhaled Minute Volume:	0 to 99.9 liters
I:E Ratio:	99:1 to 1:99
Calculated Peak Flow:	10 to 100 lpm
Auto PEEP:	0 to 100 cmH2O
Static Compliance:	1 to 999 ml/cmH2O
Patient Effort:	Green LED

Extended Features

Spontaneous Breathing Trial (SBT)
Ventilator Presets (Infant, Pediatric and Adult)
Variable Rise Time
Variable Flow Termination
Variable Time Termination
Pressure Control Flow Termination
Leak Compensation
Apnea Backup Ventilation

Fixed Alarms

Disconnect/Sense Line
External Power Low & Lost
Internal Battery Low & Empty
Ventilator Inoperative

Pneumatic Specifications

Low Pressure 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 to 15 VDC
AC Adaptor Input:	100 to 250 VAC 50 to 60 Hz

Environmental Specifications

Operating Temperature:	5 to 40 C (40 to 104 F)
Storage Temperature:	-20 to 60 C (-4 to 104 F)
Operating Humidity:	15% to 95% relative
Storage Humidity:	15% to 95% relative
Shock Compliance:	MIL-STD-810E
Vibration Compliance:	MIL-STD-810E

Standards and Regulatory Compliance

RTCA D0 160D
IEC 601-1 Part 1
IEC 601-1 Part 2
IEC 60061-1, Part 1 1988
IEC 60061-1, Part 1, Amendment 2 1995
UL 2061-1



© 2007 Cardinal Health, Inc. or one of its subsidiaries.
All rights reserved.
Lit. No. 18845-001-A

* Pressure control and pressure support breath can produce inspired tidal volumes less than 1 ml.

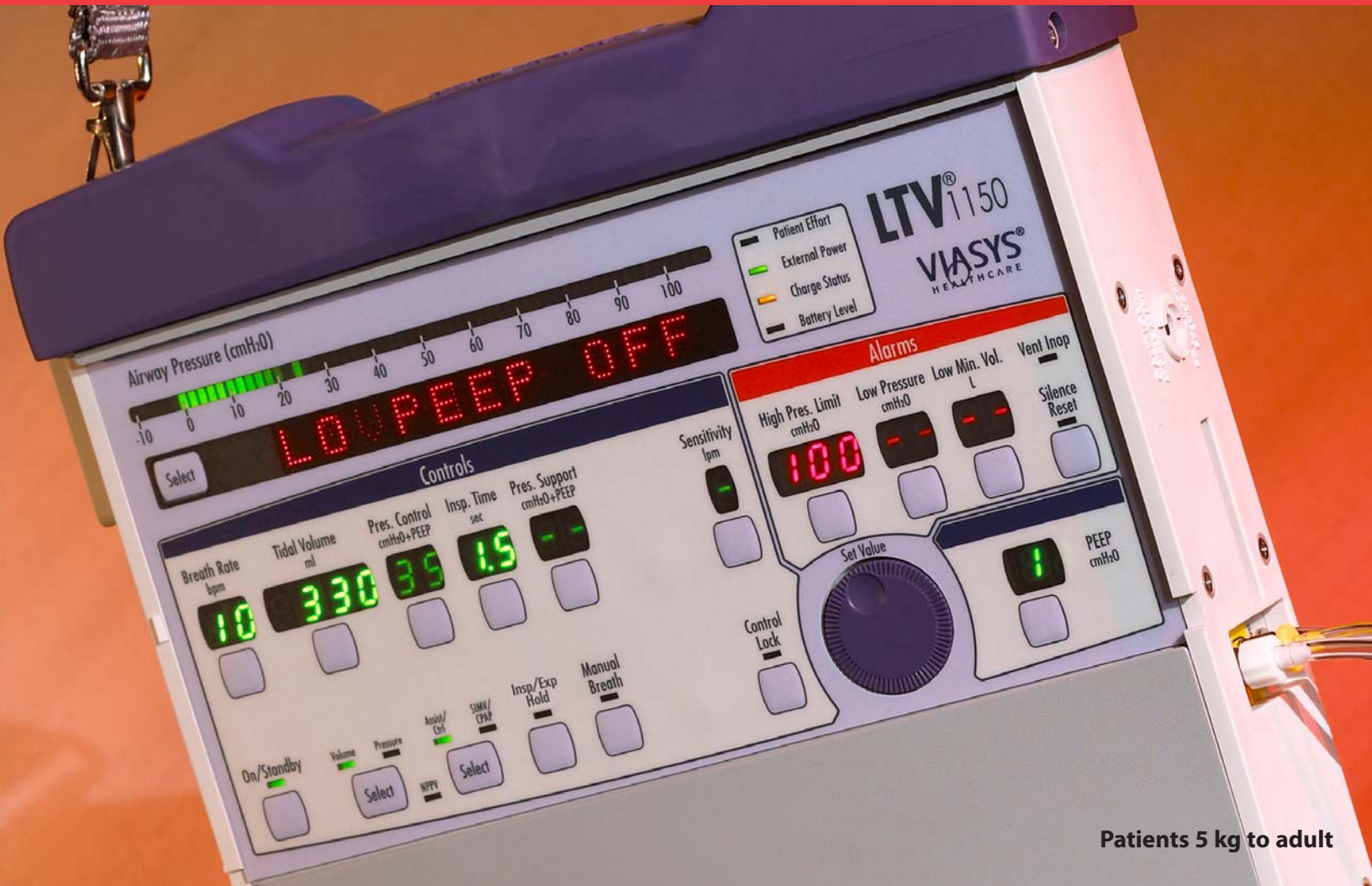


Cardinal Health
Pulmonetic Systems
17400 Medina Road, Suite 100
Minneapolis, MN 55447 USA
Toll-Free: 1.800.754.1914
Telephone: 763.398.8500
Fax: 763.398.8403

pulmonetic.com

LTV[®] 1150 Ventilator

Experience The Freedom To Go Home



Patients 5 kg to adult



CardinalHealth