



## LTV<sup>™</sup> ventilator series

LTV2<sup>™</sup> 2200, LTV2<sup>™</sup> 2150

LTV<sup>™</sup> 1200, LTV<sup>™</sup> 1150

**Bringing patient focused products to the market since 1999.**

The original LTV was the first-to-market, turbine-driven portable mechanical ventilator. It launched an era of freedom for mechanically-ventilated patients that continues today.

Learn more about the different LTV and LTV2 models.



## Models

LTV2 2200

LTV 1200

LTV2 2150

LTV 1150

Indication for use	≥ 10 kgs	≥ 5 kgs	≥ 10 kgs	≥ 5 kgs
<b>Controls</b>				
Tidal volume, mL	50-2000	50-2000	50-2000	50-2000
Insp flow, L/min	>160	>160	>160	>160
Insp press, cm H <sub>2</sub> O	4-98	1-99	4-98	1-99
Ventilation rate, breaths/min	0-80	0-80	0-80	0 to 80
Insp time, sec	0.3-9.9	0.3-9.9	0.3-9.9	.3 to 9.9
Insp time range at 50 mL	0.3-0.6	0.3	0.3-0.6	0.3
Insp hold/plateau	6 second max	6 second max	6 second max	6 second max
FiO <sub>2</sub> , %	21-100	21-100	21	21
Manual norm breath	Yes	Yes	Yes	Yes
PEEP, cm H <sub>2</sub> O	0-20	0-20	0-20	0-20
Sensitivity range L/min	0-9	0-9	0-9	0-9
Trigger mechanism	Flow, pressure	Flow, pressure	Flow, pressure	Flow, pressure
<b>Extended menus</b>				
Pressure control flow term	Yes	Yes	Yes	Yes
Flow termination, %	10-70	10-40	10-70	10-40
Rise time	1-9	1-9	1-9	1-9
Time termination, seconds	0.3 to 3.0	0.3 to 3.0	0.3 to 3.0	0.3 to 3.0
Leak compensation L/min	11	6	11	6
Sigh rate	1.5 x current settings	NA	1.5 x current settings	NA
Bias flow L/min	0-15 (variable)	10 (constant)	0-15 (variable)	10 (constant)
<b>Modes</b>				
Operating modes	CMV, AC, SIMV, CPAP, NPPV	CMV, AC, SIMV, CPAP, NPPV	CMV, AC, SIMV, CPAP, NPPV	CMV, AC, SIMV, CPAP, NPPV
<b>Breath types</b>				
Pressure A/C	Yes	Yes	Yes	Yes
Pressure SIMV	Yes	Yes	Yes	Yes
NPPV	Yes	No	Yes	No
Volume A/C	Yes	Yes	Yes	Yes
Volume SIMV	Yes	Yes	Yes	Yes
Pressure support	Yes	Yes	Yes	Yes
CPAP	Yes	Yes	Yes	Yes
Apnea backup	Yes	Yes	Yes	Yes
Sigh volume, mL	Yes	NA	Yes	NA

Models	LTV2 2200	LTV 1200	LTV2 2150	LTV 1150
<b>Equipment alarms</b>				
Gas supply failure	Yes	Yes	Yes	Yes
Power failure	Yes	Yes	Yes	Yes
Vent inoperative	Yes	Yes	Yes	Yes
Low battery	Yes	Yes	Yes	Yes
Reset/silence alarms	Separate buttons	Same button	Separate buttons	Same button
Other	Circuit disconnect	Circuit disconnect	Circuit disconnect	Circuit disconnect
<b>Physiologic monitors</b>				
<b>Pressure</b>				
Displayed	PIP, MAP, PEEP	PIP, MAP, PEEP	PIP, MAP, PEEP	PIP, MAP, PEEP
Alarm(s)	High/low pressure, apnea, high/low PEEP	High/low pressure, apnea, high/low PEEP	High/low pressure, apnea, high/low PEEP	High/low pressure, apnea, high/low PEEP
<b>Flow</b>				
Displayed	Peak Flow	Peak Flow	Peak Flow	Peak Flow
<b>Volume</b>				
Displayed	Vte and VE	Vte and VE	Vte and VE	Vte and VE
Alarm(s)	Low Minute Volume	Low Minute Volume	Low Minute Volume	Low Minute Volume
<b>Connectivity and data</b>				
Output ports	RJ45-8, RJ9-4, RJ11-6	RS232, RJ11-4	RJ45-8, RJ9-4, RJ11-6	RS232, RJ11-4
Nurse call/display	Yes	Yes	Yes	Yes
Report generation	NA	via LTM Graphics Monitor	NA	via LTM Graphics Monitor
Display	NA	via LTM Graphics Monitor	NA	via LTM Graphics Monitor
Hard copy	NA	via LTM Graphics Monitor	NA	via LTM Graphics Monitor
Archival disk	Compact Flash Card	Compact Flash Card	Compact Flash Card	Compact Flash Card
EMR connectivity	VOXP	No	VOXP	No
Display types	NA	Waveforms, loops, data	NA	Waveforms, loops, data
<b>Pneumatic power</b>				
Compressor	Internal Turbine	Internal Turbine	Internal Turbine	Internal Turbine
Compressed gases	O <sub>2</sub> , air	O <sub>2</sub> , air	Low Pressure O <sub>2</sub>	Low Pressure O <sub>2</sub>
Pressure ranges	2.8-5.5 bar, 40-80 psi	2.8-5.5 bar, 40-80 psi	<10 psig	<10 psig
<b>Electrcal power</b>				
Voltage, AC	100-240	90-250	100-240	90-250
Watts	100-150	36-66	100-150	36-66
Internal battery (hours)	3.5	1	3.5	1
Hot-swappable battery (hours)	4	5	4	5
<b>Size and weight</b>				
Dimension, inches	3.5" x 10.75" x 14"	3.25" x 10.5" x 13.5"	3.5" x 10.75" x 14"	3.25" x 10.5" x 13.5"
Weight, lbs	11.4	14.5	11.4	14.5
<b>Other</b>				
Manufacture warranty	1	1	1	1
Recommended preventative maintenance	15K, 30K, 45K	10K, 30K	15K, 30K, 45K	10K, 30K
Other features	Patient Presets, Spontaneous Breathing Trial, O <sub>2</sub> Flush, O <sub>2</sub> Cylinder Duration Features, O <sub>2</sub> conserve	Patient Presets, Spontaneous Breathing Trial, O <sub>2</sub> Flush, O <sub>2</sub> Cylinder Duration Features, O <sub>2</sub> conserve	Patient Presets, Spontaneous Breathing Trial	Patient Presets, Spontaneous Breathing Trial



LTV2 2200



LTV2 2150

## GLOBAL HEADQUARTERS

Vyaire Medical, Inc.  
26125 North Riverwoods Blvd  
Mettawa, IL 60045  
USA

[vyaire.com](http://vyaire.com)

**Rx ONLY** For Global Distribution .The LTV and LTV2 Models are only available in specific regions, please contact your Vyaire representative for specific country availability.

The LTV2 EUA has not been FDA approved or cleared. It has been authorized by the FDA under an emergency use authorization to provide continuous or intermittent ventilatory support for the care of individuals who require mechanical ventilation. The LTV2 is for institutional use only and shall only be utilized for the duration of the public health emergency.

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