A combination of customer feedback and staff expertise has created a versatile collection of ventilator accessories to support and enhance the innovative qualities of any LTV Series ventilator. From mounting options to external power sources to circuit configurations, these field tested accessories are convenient to use, augment the ventilator’s advanced functions, and optimize portability.
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Customer Support

Customer Assistance

Our specially trained Customer Service Representatives are available to assist you Monday through Friday, from 8:00 am to 5:00 pm U.S. Central Standard Time. Whether you want to place a new order, track the status of an existing order, identify availability of a product, resolve a problem, locate Pulmonetic Systems' Sales Representatives or distributors in your area or just want more information on our products and services, our dedicated Customer Service Representatives are responsive to your specific needs.

Technical Service

Global Technical Support is offered 24 hours a day, 7 days a week. Additionally, expert technicians are staffed to provide quality factory service when required, and we offer a variety of service contracts to fit your needs.

Clinical Support

Clinical support is accessible 24 hours a day, 7 days a week. Our on-staff credentialed clinical specialists possess a broad base of experience and knowledge.

Our clinical support group also provides continuing education credit programs on mechanical ventilation. Please contact Pulmonetic Systems for more information.

Contact Us

World Wide

Pulmonetic Systems, Inc.
17400 Medina Road, Suite 100
Minneapolis, MN 55447-1341
Telephone: 1-763-398-8300
Customer Care Center U.S.:
1-800-754-1914
General Fax: 1-763-398-8400
General Email:
info@pulmonetic.com
Service E-mail:
service@pulmonetic.com
Website: www.pulmonetic.com
To accommodate the spectrum of patient needs served by the LTV Series ventilator, Pulmonetic Systems has developed a comprehensive line of reusable and single-patient use circuits. These patient circuits may be purchased for both pediatric and adult applications, and are available with or without PEEP valves. Water trap configurations are also available.

NOTE: The material used in our reusable circuit tubing is not UV (ultraviolet) stable.

LTV 1000, 950, & 900 Reusable Patient Circuits

P/N 10131 Patient Circuit, Adult with PEEP, 24” (61cm) Tail
Includes:
- Circuit Hose; 6 ft. (1.8m) x 22mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 10671 Patient Circuit, Pediatric with PEEP, 24” (61cm) Tail
Includes:
- Circuit Hose; 6 ft. x (1.8m) 15mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 10815 Patient Circuit, Adult without PEEP, 24” (61cm) Tail
Includes:
- Circuit hose; 6 ft. (1.8m) x 22mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

LTV 800 Reusable Patient Circuits

P/N 11830 Patient Circuit, Adult with PEEP, 24” (61cm) Tail
Includes:
- Circuit Hose; 6 ft. (1.8m) x 22mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 11870 Patient Circuit, Pediatric with PEEP, 24” (61cm) Tail
Includes:
- Circuit hose; 6 ft. (1.8m) x 15mm ID
- Exhalation Valve Assembly with 24 inch (60cm, .6m) tail
Circuits

LTV 1000, 950 & 900 Single Patient Use Circuits,
Package of 10

P/N 10820x10 Patient Circuit, Adult with PEEP, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8m) x 22mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 10821x10 Patient Circuit, Pediatric, with PEEP, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8m) x 15mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 10822x10 Patient Circuit, Adult without PEEP, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8m) x 22mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 10823x10 Patient Circuit, Pediatric, without PEEP, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8m) x 15mm ID
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 11558x10 Patient Circuit, Adult with PEEP and Water Trap, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8) x 22mm ID
- Water Trap
- Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 11505 x10 Patient Circuit, Pediatric, with PEEP and Water Trap, 24” (61cm) Tail, (SPU)
Includes:
- Circuit hose; 6 ft. (1.8m) x 15mm ID
- Water Trap
- Exhalation Valve Assembly with 24 inch (61cm) tail
LTV 1000, 950 & 900 Single Patient Use Circuits, Package of 10 (Con’t)

P/N 11981x10  Patient Circuit, Adult with PEEP and Dual Water Traps, 24” (61cm) Tail, (SPU)
Includes:
  Circuit hose; 6 ft. (1.8m) x 22mm ID
  Water Traps (2)
  Exhalation Valve Assembly with 24 inch (61cm) tail

P/N 11985x10  Patient Circuit, Adult without PEEP, with Dual Water Traps, 24” (61cm) Tail, (SPU)
Includes:
  Circuit hose; 6 ft. (1.8m) x 22mm ID
  Water Traps (2)
  Exhalation Valve Assembly with 24 inch (61cm) tail

LTV 800 Single Patient Use Circuits, Package of 10

P/N 11832x10  Patient Circuit, Adult with PEEP, 24” (61cm) Tail, (SPU)
Includes:
  Circuit hose; 6 ft. (1.8m) x 22mm ID
  Exhalation Valve Assembly with 24 (61cm) inch tail

P/N 11872x10  Patient Circuit, Pediatric, with PEEP, 24” (61cm) Tail, (SPU)
Includes:
  Circuit hose; 6 ft. (1.8m) x 15mm ID
  Exhalation Valve Assembly with 24 inch (61cm) tail
Circuits

LTV 1000, 950, & 900 Patient Circuit Parts

**Exhalation Valve Assembly - with 24” (61cm) Tail, Reusable**

P/N 10066 Exhalation Valve Assembly with PEEP, Adult, 6’ (1.8m) long

P/N 10875 Exhalation Valve Assembly with PEEP, Pediatric, 6’ (1.8m) long

P/N 10937 Exhalation Valve Assembly with PEEP, Adult 12’ (3.7m) Long

P/N 10939 Exhalation Valve Assembly with PEEP, Pediatric, 12’ (3.7m) Long

**Exhalation Valve Assembly - No Tail, Reusable**

P/N 10987 Exhalation Valve Assembly with PEEP, No tail, 6’ (1.8m) Long, Reusable

P/N 10988 Exhalation Valve Assembly without PEEP, No tail, 6’ (1.8m) Long, Reusable
LTV 1000, 950, & 900 Patient Circuit Parts (Con’t)

Exhalation Valve Assembly - with 24” (61cm) Tail,
Single Patient Use, Package of 10

P/N 10818x10  Exhalation Valve Assembly with PEEP, Adult 6’ (1.8m) long (SPU)
P/N 10877x10  Exhalation Valve Assembly with PEEP, Pediatric 6’ (1.8m) long (SPU)
P/N 10938x10  Exhalation Valve Assembly with PEEP, Adult 12’ (3.7m) Long (SPU)
P/N 10940x10  Exhalation Valve Assembly with PEEP, Pediatric 12’ (3.7m) Long (SPU)
P/N 10819x10  Exhalation Valve Assembly without PEEP, Adult 6’ (1.8m) long (SPU)
P/N 10878x10  Exhalation Valve Assembly without PEEP, Pediatric 6’ (1.8m) long (SPU)
P/N 11984x10  Exhalation Valve Assembly without PEEP, with Water Trap, Adult 12’ (3.7m) Long (SPU)
P/N 11986x10  Exhalation Valve Assembly without PEEP, with Water Trap, Pediatric 12’ (3.7m) Long (SPU)
LTV 1000, 950, & 900 Patient Circuit Parts (Con’t)

Exhalation Valve Assembly - with 24” (61cm) Tail, Single Patient Use, Package of 10 (Con’t.)

P/N 11980x10  Exhalation Valve Assembly with PEEP, Water Trap, Adult 12’ (3.7m) Long (SPU)

LTV 800 Patient Circuit Parts

Exhalation Valve Assembly - with 24” (61cm) Tail, Single Patient Use, Package of 10

P/N 11828x10  Exhalation Valve Assembly with PEEP, Adult 12’ (3.7m) Long (SPU)

P/N 11868x10  Exhalation Valve Assembly with PEEP, Pediatric 12’ (3.7m) Long (SPU)
Miscellaneous Circuit Parts - Reusable

The **Humidifier Circuit** connects the ventilator to the humidifier.

The **Circuit Adapter** connects a patient circuit to the Patient Outlet Port located on the right side of the ventilator.

**P/N 10693** Humidifier Circuit, Adult

**P/N 10694** Humidifier Circuit, Pediatric

**P/N 10824** Exhalation Valve with PEEP

**P/N 10825** Exhalation Valve without PEEP

**P/N 10113x5** Compression Spring, Package of 5

**P/N 10089x5** Exhalation Valve Diaphragm, Package of 5

*The Spring sits inside the exhalation valve with the diaphragm. Available in packages of five.*

*Exhalation Valve Diaphragms are an integral part of the exhalation valve assembly. The diaphragm is available in packages of five.*
**Circuits**

*Miscellaneous Circuit Parts - Reusable (Con’t.)*

- P/N 10960 Water Trap Accessory Kit, Adult
- P/N 10961 Water Trap Accessory Kit, Pediatric
- P/N 10985 Tubing, Smooth Bore, 22mm ID x 8” (20.3cm) (pictured)
- P/N 10986 Tubing, Smooth Bore, 15mm ID x 8” (20.3cm) (not pictured)
LTV Battery Kits are portable, rechargeable external power sources for the Pulmonetic Systems’ line of LTV ventilators.

The external battery kit and ventilator are suitable for use in intensive care, homecare and transport settings. Each component of the battery kit may be purchased separately.

Battery Kits

P/N 10800  External Battery Kit, 9 Hour  [Weight: 27 lbs. (12.2kg)]
Includes:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10787</td>
<td>Battery, 12 Volt, 33 Amp Hr</td>
</tr>
<tr>
<td>10790</td>
<td>External Battery Box with Strap</td>
</tr>
<tr>
<td>10801</td>
<td>External Battery Charger</td>
</tr>
<tr>
<td>10802</td>
<td>External Battery DC Cord</td>
</tr>
</tbody>
</table>

P/N 10900  External Battery Kit, 3 Hour  [Weight: 10 lbs. (4.5kg)]
Includes:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11475</td>
<td>Battery, 12 Volt, 12 Amp Hr</td>
</tr>
<tr>
<td>11330</td>
<td>Padded Battery Bag with Cable</td>
</tr>
<tr>
<td>10801</td>
<td>External Battery Charger</td>
</tr>
<tr>
<td>10802</td>
<td>External Battery DC Cord</td>
</tr>
</tbody>
</table>

Individual Battery Components

P/N 10854  Battery Fuse, 10 amp, 32 Volt

P/N 10866  Battery w/Battery Box
   Includes: PNs 10787 & 10790

P/N 10901  Small External Battery (3 hr) Cable

P/N 10910  Small External Battery (3 hr) & Padded Battery Bag
   Includes: PNs 11475 & 11330
Batteries & Power Accessories

The AC Adapters are small and lightweight, permitting the ventilator to be operated from any 100 - 250 VAC 50/60 HZ power source. The adapter can be set in any position near the ventilator, or be moved with the ventilator via the pre-installed bracket on the Pulmonetic Systems Floor Stand.

Automotive Lighter Cord allows for the ventilator to be powered directly from the DC power source available in a vehicle’s utility port or optional DC power source outlet.

Power Accessories

- **P/N 10537** AC Adapter, 90° Connector
- **P/N 11537** AC Adapter, Straight Connector
- **P/N 11448** AC Adapter Kit
  - Includes: P/Ns 11537 & 10536
- **P/N 10536** AC Power Cord, U.S.
- **P/N 10785** AC Power Cord, 2 pin
- **P/N 10886** AC Power Cord, U.K., 3 pin
- **P/N 11544** Automotive Lighter Power Cord
LTM™ Graphics Monitor

P/N 11000  LTM Graphics Monitor
Package
Includes:

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11002</td>
<td>LTM Graphics Monitor</td>
</tr>
<tr>
<td>11003</td>
<td>LTM Mounting Bracket</td>
</tr>
<tr>
<td>11090</td>
<td>Power Splitter Connector</td>
</tr>
<tr>
<td>11089</td>
<td>LTM Data Cable</td>
</tr>
<tr>
<td>11010</td>
<td>Operator’s Manual</td>
</tr>
</tbody>
</table>

The LTM Graphics Monitor incorporates the simplicity of a Touch Screen panel for all control input. Controls, graphics, patient data and messages are vividly displayed using a color LCD display window. Additionally, configurations can be customized using the Set Up feature allowing for a multitude of screen designs.

Additional Accessories

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11003</td>
<td>LTM Mounting Bracket</td>
</tr>
<tr>
<td>11090</td>
<td>Power Splitter Connector</td>
</tr>
<tr>
<td>11089</td>
<td>LTM Data Cable</td>
</tr>
<tr>
<td>11198</td>
<td>Power Splitter Connector, 6’ (1.8m)</td>
</tr>
<tr>
<td>11199</td>
<td>LTM Data Cable, 6’ (1.8m)</td>
</tr>
<tr>
<td>11083</td>
<td>Adapter to Spacelabs® Connector</td>
</tr>
<tr>
<td>11084</td>
<td>Adapter to HP Vuelink® Connector</td>
</tr>
<tr>
<td>11085</td>
<td>PCMCIA Card, 16 mb</td>
</tr>
</tbody>
</table>
The **Floor Stand** is a sturdy and mobile floor stand capable of supporting any LTV Series ventilator and E-size oxygen tank. The ventilator is quickly and easily secured onto the metal bracket fastener at the top, leaving its control display in full view for continuous monitoring. The stand provides the capability of adding accessories to the basic model to meet the individual customers requirements.

**Stands**

- Floor Stand P/N 10611
  - Floor Stand only.
  - Height: 37” (94cm)
  - Base Diameter: 22” (56cm)

**Optional Stand Accessories**

- Utility Basket P/N 11450
  - 8” (20.3cm) H x 6” (15.2cm) D x 8” (20.3cm) W

- Short Crossbar P/N 11451
  - 9.5” (24.1cm) Long

- Long Crossbar P/N 11452
  - 16” (40.6cm) Long

- Large Battery Mount P/N 11454

- Oxygen Canister Ring P/N 11455

- Support Arm P/N 11501
  - Patient Circuit with Circuit Hanger

- 4-Outlet Electrical Strip P/N 11456
  - Hospital Grade (U.S. only)
Stands, Carriers & Straps

Stands (Con’t)

P/N 10695  Table Stand

The Table Stand allows the ventilator to sit securely in a metal bracket fastener that can recline at either a 30, 60 or 90 degree angle. The bottom of the stand holds it in place and keeps table or counter tops from being scratched.

Carriers

Backpack

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11425-B</td>
<td>Backpack, padded, blue</td>
</tr>
<tr>
<td>11581-G</td>
<td>Backpack for LTV with Protective Boot, gray</td>
</tr>
</tbody>
</table>

The Backpack employs removable straps so the case can be carried by hand, over the shoulder or worn as a backpack. The straps also allow for the ventilator to hang from the rear of a wheelchair. A clear flap with Velcro® closures creates a window whereby the front panel can be viewed at all times and permits easy access to the ventilator to make adjustments to the controls.

Straps

P/N 10658  Hand Strap
P/N 10659  Shoulder Strap

Hand and Shoulder Straps can be used to carry the ventilator in hand, over a shoulder, or suspend it from any number of hospital room or household objects.
Stands, Carriers & Straps

Bed Rail Mount allows the ventilator to slip securely on a dovetail bracket mounted to a metal stabilizer. The entire unit can then hang over the headboard, footboard or sides of a bed.
The **Dove Tail Bracket** mounts against any flat surface allowing the LTV ventilator to be mounted in a variety of settings.

The **Oxygen Hose** is for connecting to high pressure oxygen source to the LTV ventilator.

The **Oxygen Adapter** is a barbed fitting for connecting a low pressure oxygen source to the LTV1000 ventilator.

A **Nurse Call cable** interfaces the LTV patient assist port to nurse call systems that utilize a 1/4” (.6cm) phone jack.

A **Nurse Call Splitter** allows for the attachment of the ventilator Nurse Call cable and the hospital Nurse Call button simultaneously.

The **Remote Alarm Cable** is used to connect the LTV ventilator to remote alarms requiring a normally closed input signal terminated with a 51K ohm series resistor.
Parts

Air Inlet Filters filter the air entering the LTV ventilator through the turbine intake.

The NIST Adapter allows the DISS O2 connector on the LTV 1000 ventilator to be connected to a NIST connector for international applications.

The Dust Cover protects the control panel surface of the LTV Series ventilator from dust, debris and inadvertent contact. A quick reference guide is printed on the back panel.

The Fan Filter filters the air passing through the cooling fan.

The Test Lung Kit contains all of the components necessary to accurately and effectively demonstrate and test the capabilities of the LTV Series ventilators.

The Protective Boots protect the ventilator from accidental shocks and strikes to the casing. Boot shown on ventilator.

P/N 10258x5 Air Inlet Filters, 5 Pk

P/N 10702 NIST Adapter

P/N 10109 Ventilator Dust Cover

P/N 10789x5 Fan Filter, 5 pack

P/N 11466 Test Lung Kit

P/N 11550 Ventilator Protective Boot Kit
## Ventilator Shipping Materials

<table>
<thead>
<tr>
<th>For Ventilators without Protective Boot</th>
<th>For Ventilators with Protective Boot</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N</td>
<td>Description</td>
</tr>
<tr>
<td>10770</td>
<td>Carton</td>
</tr>
<tr>
<td>10766</td>
<td>Foam (1 required)</td>
</tr>
<tr>
<td>10769</td>
<td>Divider Sheet (2 required)</td>
</tr>
</tbody>
</table>

Special Shipping Materials are available for shipping LTV Series ventilators with and without protective boot. Use these shipping materials to help prevent damage to the ventilator during shipment.
Instructional Materials

The Operator’s Manuals contain the important functional, safety and maintenance information for operation of all LTV Series ventilators: LTV1000, 950, and 900. A separate operator’s manual is available for the LTV800.

The Quick Reference Guides are a handy resource for easy reference of key operations.

The Service Manual contains information required to perform maintenance on the LTV Series ventilators.

P/N 10664 LTV Series Operator’s Manual
P/N 10664S LTV Series Operator’s Manual, Spanish
P/N 10674 LTV Series Quick Reference Guide
P/N 10674S LTV Series Quick Reference Guide, Spanish

P/N 11812 LTV 800 Operator’s Manual
P/N 11815 LTV 800 Quick Reference Guide

P/N 10665 LTV Series Service Manual
P/N 11010 LTM Graphics Monitor Operator’s Manual
Instructional Materials

For use by trained and authorized personnel only.

The LTV Series In-Service Video is an excellent training tool for LTV ventilator users. Available in NTSC, PAL or SECAM format.

The LTV Series Caregiver Video is a simplified version of the LTV Series In-Service Video. Available in NTSC, PAL or SECAM format.

The LTV800 In-Service Video is an excellent training tool for LTV ventilator users. Available in NTSC, PAL or SECAM format.

The LTM Graphics Monitor Overview CD is an interactive learning tool, developed to provide a basic understanding of the Setup, Main Display, Menu Functions, Principle Controls, and clinical uses of the LTM Graphics Monitor.

The LTV1000 Simulator CD provides the user with an interactive overview of the operation of the LTV1000 Ventilator and simulates the changes in waveforms relative to changes in ventilator settings or lung mechanics.

P/N 11462 LTV Series In-Service Video

P/N 11522 LTV Series Caregiver Video

P/N 11522S LTV Series caregiver Video, Spanish

P/N 11483 LTV800 In-Service Video

P/N 11009 LTM Graphics Monitor Overview CD

P/N 11600 LTV1000 Simulator CD