Technical Data Specifications:

- **MAIN UNIT:**
  - Dimensions: 6.9 x 4.3 x 1.8 inches (17.5 x 11.4 x 4.6 centimeters)
  - Weight: Approximately 1.1 lbs (50 kg)

- **POWER SUPPLY:**
  - Use only UL/CNSA approved power supplies from Wildcat Medical for use in hospital settings
  - Output: 10 Vac, 1.1 A

- **SYSTEM OPERATING ENVIRONMENT:**
  - Temperature: 10˚C (50˚F) to 40˚C (104˚F)
  - Humidity: 30% to 70%

**DEFAULT SETTINGS:**
- Pressure: 30 mmHg
- Single output run time: 25 hours
- Double output run time: 17 hours
- Triple output run time: 9 hours

**TOLERANCES:**
- Battery run time may vary when using the AUX function and/or wraps with higher air bladder capacity than that of the Wildcat Medical model TP-3023 leg cuffs.

**Disposal:**
- Do not discard in landfill. Consult local, state, and federal country requirements for proper disposal instructions.
- Can be recycled if disposed of in US landfills.

**Environmental Considerations:**
- Do not operate device below 0˚C (32˚F).
- Do not operate device in a wet environment.

**Intended Uses:**
- The TriplePlay TPVT-01 is intended to be an easy to use portable system, prescribed by a physician, to help prevent the onset of DVT in patients by stimulating blood flow in the extremities (simulating muscle contractions).
- This device is not designed to prevent the occurrence of DVT in patients, and only to increase blood flow for those who have been advised by their physician to use it for this purpose.
- The TPVT-01 can also provide compression therapy to additional limb or joint parts as may be prescribed by a physician through the use of the AUX (auxiliary) function and output provided.

**Contraindications:**
- Persons with suspected, active or untapped: deep vein thrombosis, ischemic vascular disease, severe arteriosclerosis, pulmonary edema, congestive heart failure, thrombophlebitis or an active infection.
- On a leg where cuffs would interfere with the following conditions: vein ligation, gangrene, dermatitis, open wounds, a recent skin graft, massive edema, or extreme deformity of the leg.
- On patients with neuropathy.
- On extremities that are insensitive to pain.
- Where increased venous or lymphatic return is undesirable;

The rechargeable batteries supplied in this unit are not field replaceable.

**WARNING:**
- Do not operate device below 0˚C (32˚F).

**Environmental Considerations:**
- Do not operate device below 0˚C (32˚F).
- Do not operate device below 0˚C (32˚F).

**WARNING:**
- Do not operate the pump if it has been stored in freezing conditions. Allow cuffs to warm to room temperature if exposed to temperatures below 0˚C (32˚F).

**WARNING:**
- Do not store in a dry location between -10˚C (50˚F) and +40˚C (104˚F), 30% - 75% relative humidity.
- Limit Transport Temperatures to between -20˚C (-4˚F) and +40˚C (104˚F)

**Normal Operating Conditions Temperature Range:**
- +10˚C (50˚F) to +40˚C (104˚F)

**Caution:**
- Do not subject the unit to extreme shocks, such as dropping the unit.
- Do not operate the pump in a wet environment.

**Customer Service**
- Toll Free: 1-800-994-0464
- Email: info@compressionsolutions.us

**Environmental Considerations:**
- Do not expose device to direct sunlight.
- Do not operate pump below 5˚C (41˚F).
- Do not operate device below 0˚C (32˚F).

**WARNING:**
- Do not operate the pump if it has been stored in freezing conditions. Allow cuffs to warm to room temperature if exposed to temperatures below 5˚C (41˚F).

**WARNING:**
- Do not store in a dry location between -10˚C (50˚F) and +40˚C (104˚F), 30% - 75% relative humidity.
- Limit Transport Temperatures to between -20˚C (-4˚F) and +40˚C (104˚F)

**Normal Operating Conditions Temperature Range:**
- +10˚C (50˚F) to +40˚C (104˚F)

**Caution:**
- Do not subject the unit to extreme shocks, such as dropping the unit.
- Do not operate the pump in a wet environment.

**Customer Service**
- Toll Free: 1-800-994-0464
- Email: info@compressionsolutions.us

**Set-Up Instructions:**
1. Remove items from packaging and plastic bags.
2. Make sure all of the pieces listed on pages 6 and 7 are readily available.
3. Inspect all components for damage. If any parts appear damaged or inoperable, contact Compression Solutions Customer Service (front cover).
4. Before using, connect the supplied power adapter plug into the jack on the pump and plug into the wall socket. The LED CHARGE indicator will turn RED during the charge cycle and GREEN when the charge is complete. The unit may be used while connected to the charger.
5. Unclog the tubing being careful to remove any kinks from tubing due to compression in shipping.
6. Apply gauges to leg(s) (see “Attaching Leg cuffs”), route tubing under clothing in a manner to prevent a tripping hazard and to avoid kinking.
7. Ensure metal thumb tabs on the pump unit and cuffs’ air connectors are depressed to ensure airtight seal/resealable to engage.
8. Connect air (tubing) to pump air outlets.

**Attaching the Leg Cuffs:**
- Make sure that the securing tabs are on the inside of the sleeve relative to your leg.
- Pinch the cuff so that the body of the bladder outline is against the back of your cuff with the air tube fitting facing out.
- Wrap the cuff around your arm or leg as is straight and fasten the securing tabs. A loose fitting cuff can cause a low pressure (LO) error alarm.
- Adjust as necessary.
Using the Auxiliary Function

Various optional compression wraps may be prescribed by your physician to aid in therapy. The Auxiliary function and additional (third) output provided on the TriplePlay-VT unit is designed to allow this flexibility.

Before using an auxiliary wrap, ensure that the connector on the wrap is of the type required to fit the mating connector on the TriplePlay-VT unit (Contact Compression Solutions Customer Service for assistance). Place the wrap on the extremity and secure it firmly in place as instructed by your healthcare professional. Connect the wrap to the auxiliary connector on the pump unit. Once the wrap is secure and the tube is connected, turn the unit on; ensure that the AUX function is selected and make any needed pressure adjustments as instructed in the Operating Instructions on page 9.

Operating Instructions

1. After following the set-up instructions, ensure that the cuffs are wrapped snuggly and fastened securely as indicated.
2. To turn the system on, press and hold the power button for 1-2 seconds. The unit will not power on, connect the wall outlet to charge the battery. Unit may be used while battery is being recharged.
3. The display will show any pressure reading detected by the unit and should be "00." If any other number is displayed, the "zero reference" requires reset. To reset, turn the unit off and hold the power button pressed for 1-2 seconds until any number connected to the Leg 1 air outlet. Press and HOLD both the pressure DECREASE button and the pressure button for at least 2 seconds to turn the unit back on. The unit should reset to a "00" reading on the display. Reconnect the Leg 1 cuff if applicable.
4. Press the MODE button in either one of 4 different output modes (Leg 1, Leg 2, AUX, or a combination of Leg 1 + Leg 2 or Leg 1 + AUX). The selected settings will be indicated by the illumination of the corresponding function indicator near the bottom of the control panel. Note: You may need to adjust the time that the pump will be in "test" (i.e., before cycling begins or "test" periods between cuff inflations). Initial adjustments automatically power ON must be adjusted within 5 seconds of pump power ON). The unit will begin to cycle through the selected functions 5 seconds after all adjustments have been completed.
5. If using the AUX function, adjust the pressure to the desired setting using the Pressure Increase or Pressure Decrease buttons. The pressure of the AUX cuff is set to 25 mmHg when that function is initially selected. The auxiliary cuff pressure can be adjusted only when the auxilary mode is included in the selected functions and only during "rest" periods (when no cuff is being inflated). To change the pressure settings by 1 mmHg increments, press the Increase or Decrease buttons briefly, holding the buttons down for 2 seconds or more will cause the pressure setting to change by increments of 5 mmHg. The pressure of the limb must be decreased before the cuff can be deflated.
6. The unit will begin to cycle through the selected functions 5 seconds after power ON. The display will show "BL" for the time the pressure is reached and the pump is turned off until the time the cuff is deflated. In the triple cuff mode (Leg 1 + Leg 2 + AUX), the rest period is 15 seconds from the time the pressure is reached and the pump is turned off until the time the pressure is reached. This error time can be adjusted for approximately 60 seconds, thus allowing ample rest time between compressions on the affected limb or extremity. It should be noted that the inflated wrap exhaust during the rest period and the display will show "..." right after the rest period.
7. Do not turn off the pump unit, depress and hold the power button for 1-2 seconds. If the unit is shut off during extended operation, connect AC adaptor while in use.
8. To remove cuff, pull securing straps and unstrap from leg.
9. To discontinue the air tube from pump unit, depress thumb tab on the connector while pulling the tube away.

Low Battery Indicator

In order to ensure that proper pressure is always reached during operation, regardless of the charge state of the battery, there are THREE stages of the LOW BATTERY INDICATOR as follows:

STAGE 1 – The yellow LOW BATTERY INDICATOR illuminates when the pump is NOT RUNNING, turns OFF when the pump starts and illuminates again when the pump is in the REST period. This is the FIRST indication that a recharge is needed at the earliest opportunity:

STAGE 2 – The yellow LOW BATTERY INDICATOR WILL remain ILLUMINATED during both the pumping time and the rest period. At this stage the battery charger MUST be connected immediately to avoid any interruption in the treatment session:

STAGE 3 – If the battery voltage drops to a critical level at any time, the yellow LED will illuminate AND the display will show “BL”. In addition, the audible alarm will sound and cycling of the pump will be inhibited. The unit will then automatically shut off after two minutes.

User Maintenance

NOTICE: Contains no serviceable parts. Contact Compression Solutions Customer Service.

• Inspect the unit and all components for any damage that may have occurred during shipping or general handling prior to use (example, freayed or cut cord, split air tubes, cracked plastic housing, damaged LED display, torn cuff, etc.). Refer to pages 6 and 7 for a description of all components.
• Do not attempt to connect the wall supply if any damage is noticed.
• Avoid subjecting the unit to excessive pressure (i.e., squeezing or dropping the pump unit).
• Notify Wildcat Medical for immediate replacement of any damaged items.
• Do not place the air tubes in sharp objects with any sharp objects. If a metal is punctured, do not attempt to repair the cuff. Replacement cuffs (model TP-3302) are available through customer service.
• Roll cuff for storage transportation; avoid folding or creasing the bladder.
• Battery is not replaceable – return unit to Wildcat Medical service if needed.
• During extended use, an air leak may develop from over-stretching of the elbow joint (the connecting points for the hose and the cuff). Inspect this joint for leaks and contact Compression Solutions Customer Service at 800-994-0464 if necessary.
• Contact Wildcat Medical to receive replacement instructions for any damaged items. This may include returning the damaged part to Wildcat Medical for service.

Storage

• Store in a dry location between -10°(C) and +40°(C), 30%-75% relative humidity.
• Do not expose to heat exceeding 65°C (149°F).
• Do not store items in direct sunlight.
• Roll cuff and do not fold, as folding will decrease the life of your product.
• Connect unit to charger no less than two hours every 60 days to preserve integrity of internal batteries.

Alarms

• "KINKED HOSE" or "HIGH PRESSURE" – If a pressure limit is reached in less than 2 seconds after pump is energized, cycling stops, audible alarm sounds, and display reads "HI". In this condition, the LED indicator coinciding with whichever cuff was energized when the condition occurred flashes rapidly.

• "LEAK" or "LOW PRESSURE" – When a Leg cuff is activated, the display is NOT REACHED within 20 seconds after pump is energized or 2 minutes when the AUXILIARY cuff is activated, cycling stops, audible alarm sounds, and display reads "LO". In addition, the LED indicator coinciding with whichever cuff was energized when the condition occurred flashes rapidly. Note: It is important that the cuffs are fitted to be snug to avoid false low pressure alarms.

• "BATTERY CRITICAL" – If battery voltage drops to a critical level, cycling stops, audible alarm sounds, and display reads "BL". In addition, the LOW BATTERY LED indicator illuminates.

To reset an alarm condition, the unit must be turned OFF. If the alarm condition is not cleared within 2 minutes, the LOW BATTERY INDICATOR will automatically turn itself OFF.

If you encounter any problems that cannot be resolved by the preceding information, contact Compression Solutions Customer Service.

Customer Service

Tel: Free: 1-800-994-0464
Email: info@compressionsolutions.com
Wildcat Medical, Inc.
dba: Compression Solutions
1638 South Main Street
Tulsa, OK 74119 USA

Troubleshooting

Problem

Air tube connector will not fit in port

Solution

Unit will not turn on

Battery charge is low. Connect unit to a wall supply for a fresh charge and turn on.

Cannot feel pressure on leg(s)

• Cuff is not wrapped tightly enough
• Air tubes are not connected
• Bladder is damaged and will not hold air. Replacement leg cuffs, model TP-3302, are available through customer service.
• Tubing is damaged
• Ensure that the cuff is connected to the proper outlet corresponding to the selected mode

Pressure on Auxiliary cuff is too high

• Verify settings are correctly set as prescribed
• Decrease pressure setting. Contact physician.

Hi alarm (High pressure detected or set pressure detected too soon)

Remove any kinks from line. Be sure the tubes are not tangled or constricted. Start pump again by turning unit OFF and back to ON.

LD alarm (Set pressure not detected within allotted time period)

Ensure tube is properly connected, cuffs are attached to be snug and there are no air leaks. Start pump again by turning unit OFF and back to ON.

BL alarm (Pump will not operate)

Battery charge is low. Connect charger.

BL alarm (Battery pack has expired)

Contact Compression Solutions at 800-994-0464

If you encounter any problems that cannot be resolved by the preceding information, contact Compression Solutions Customer Service.

Using the AC Adapter / Battery Charger

Insert the supplied power supply plug into the adapter jack on the pump-unit and connect the power supply adapter to the main voltage wall socket. The battery charge LED will illuminate RED while charging battery and turn GREEN when charge is complete. It will not be illuminated if the charger is not connected. For extended operation periods, or to charge the battery during treatment sessions, the AC adapter can be connected while the device is in use.

Cleaning and Disinfecting

NOTE: In hospital settings, use only a UL/CSA 601-01 approved power supply provided with Wildcat Medical, Inc. (outlet at +10 Volts DC @ 11 Aamps). Use of alternate power supplies could damage the system.

CAUTION: Do not immerse pump unit in any liquid for any reason.
• Clean the outer surface of the pump unit using a soft cloth, moistened with soapy water or 70% isopropyl alcohol.
• Do not use bleach on any part.
• Do not use abrasive or volatile cleaners – display or control panel could be scratched and hard to read.
• Do not place cuff in dryer, as the bladder could melt.
• Hand wash exterior of cuff using a soft cloth moistened with soapy water or 70% isopropyl alcohol and let air dry.
• Ensure product is completely dry prior to use.

WARNING: Do not turn off and disconnect from the power mains (wall prior to and while cleaning or disinfecting.

NOTICE: Inspect the TriplePlay unit and follow the cleaning and disinfecting procedures prior to each use.
• Hand wash exterior of cuff using a soft cloth moistened with soapy water or 70% isopropyl alcohol.
• Do not use bleach on any part.
• Do not use abrasive or volatile cleaners – display or control panel could be scratched and hard to read.
• Do not place cuff in dryer, as the bladder could melt.
• Hand wash exterior of cuff using a soft cloth moistened with soapy water or 70% isopropyl alcohol and let air dry.
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