Technical Data Specifications:

**MAIN UNIT:**
Dimensions: 6.9 x 4.3 x 1.8 inches (17.5 x 11.5 x 4.6 centimeters)
Weight: Approximately 1 lb. (0.5 kg)
Mode of Operation: Cyclic
Cyclic Source of Power: 12V DC 2.2 Ah NiMH or 7.4 V 1.5 Ah Li-Ion
Rechargeable Battery

**CAUTION:** Charge batteries using only the power supply provided by Wildcat Medical.

**POWER SUPPLY:**
Use only USCASA 6601-1 approved power supplies from Wildcat Medical for use in hospital settings.

**Output:**
1.1 - 1.8 V DC

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

**DEFAULT SETTINGS:**
- Call Pressure (not adjustable): 30 mmHg
- Auxiliary Pressure: 30 mmHg (adjustable from 30-50 mmHg)
- Cycle Time for each output: 60-70 seconds

**TOLERANCES:**
- Pressure: ±5%
- Single output run time: 6 hours
- Double output run time: 4 hours
- Triple output run time: 4 hours

*Battery run time may vary when using the AUX function and/or wraps with higher air bladder capacity than that of Wildcat Medical model TP-3333 calf sleeves. Use product label for battery type.*

This device is not protected against the ingress of water (ordinary protection, IPX0).

Equipment is not suitable for use in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide.

**Vascular Therapy System**
(Compressible Limb Sleeve Device)

**Disposal**
- This unit is an electromechanical device that includes printed circuit boards and rechargeable batteries. Do not discard in landfill. Consult local, state, federal and country requirements for proper disposal instructions.
- Cuffs may be discarded in US landfill.
- Pump control unit contains rechargeable batteries. Do not discard the pump unit in regular waste. Bring the unit to your local recycle center or return to Wildcat Medical.
- The use of accessories, power supplies and cables other than those specified, with the exception of components sold by the manufacturer of the TriplePlay TPVT-01 as replacement parts, may result in increased emissions or decreased immunity of the TriplePlay TPVT-01.

**Contraindications**
- Persons with suspected, active or untreated: 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 neurophy.
- On extremities that are insensitive to pain.
- Where increased venous or lymphatic return is undesirable.

**Environmental Considerations**
- Do not expose device to direct sunlight.
- Do not operate pump below 0˚C (32˚F).
- Do not expose to heat exceeding 65˚C (149˚F).
- Do not operate if it has been stored in freezing conditions. Allow cuffs to warm to room temperature if exposed to temperatures below 5˚C (41˚F).
- Do not unroll or attach the cuffs in below freezing temperatures (0˚C / 32˚F) as damage to the air bladders can occur, making them unable to hold pressure.
- 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 (140˚F).
- Normal Operating Conditions Temperature Range +10˚C (+50˚F) to +40˚C (104˚F) Relative Humidity 30% to 75%.

**Purpose of this Device**
The purpose of the TPVT-01 is to aid in the prevention of Deep Vein Thrombosis (DVT) by helping to stimulate blood flow in the legs. This is accomplished by an electromechanically controlled pump unit delivering a set amount of air to the leg cuffs (model TP-3333) that, in turn, compress the calf or calves to aid blood flow out of the lower extremities.

The TPVT-01 can also provide compression therapy to additional limb or joint cuffs (as may be prescribed by a physician) through the use of the AUX (auxiliary) function and output provided.

The pump unit will inflate the leg cuffs to a specified preset pressure of 50 mmHg, and the auxiliary cuff to a pressure of 20-50 mmHg (not by the user or health care provider), and deflate once that pressure is reached. Cycles are repeated until the unit is turned off. Internal rechargeable batteries allow the system to be completely portable, thus preventing interruptions in treatment.

**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 unit is an electromechanical device that includes printed circuit boards and rechargeable batteries. Do not discard the pump unit in regular waste. Bring the unit to your local recycle center or return to Wildcat Medical.

The use of accessories, power supplies and cables other than those specified, with the exception of components sold by the manufacturer of the TriplePlay TPVT-01 as replacement parts, may result in increased emissions or decreased immunity of the TriplePlay TPVT-01.

The cuffs are single-use devices. One patient may use a cuff multiple times, but a single cuff may not be shared between patients.

This unit is an electromechanical device that includes printed circuit boards and rechargeable batteries. Do not discard in landfill. Consult local, state, federal and country requirements for proper disposal instructions.

This symbol designates the degree of protection against electrical shock as being a type BF applied part.

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

Wildcat Medical, Inc.
dba: Compression Solutions
817 E 4th Street
Tulsa, OK 74120 USA

**Description of System Components**

**Default Settings**
- Leg Pressure Preset Level: 40 mmHg
- Default AUX Pressure Setting: 35 mmHg
- Internal Safety Valve Relief Pressure: 100 mmHg

**Environmental Considerations**
- Do not expose device to direct sunlight.
- Do not operate pump below 0˚C (32˚F).
- Do not expose to heat exceeding 65˚C (149˚F).
- Do not operate if it has been stored in freezing conditions. Allow cuffs to warm to room temperature if exposed to temperatures below 5˚C (41˚F).
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**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 are 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 main 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. Uncoll the tubing being careful to remove any kinks from tubing due to compression in shipping.
6. Apply garments to legs(s) (see “Attaching Leg cuffs”), route tubing under clothing in a manner to prevent a tripping hazard and to avoid kinking.
7. Enlarge mental thumbs on the pump unit and cuffs’ air connectors are depressed to allow the air tube connector(s) to engage.
8. Connect air tubing(s) to pump air outlets.

**Attaching the Leg Cuffs**
1. Make sure that the securing tabs are on the inside of the sleeve relative to your leg.
2. Place the cuff so the middle of the bladder outline is against the back of your calf with the air tube fitting facing out.
3. Wrap the cuff around your calf with the air tube fitting facing out.
4. Depress the cuff around your calf so that it is snug fitting and fasten the securing tabs. A loose fitting cuff can cause a low pressure (LO) error alarm.
5. Adjust as necessary.
Operating Instructions

1. After following the set-up instructions, ensure that the cuffs are wrapped snugly and fastened securely as indicated.

2. To turn on the system, press the power button for 1-2 seconds. If the unit will not power on, connect the wall supply to charge the battery. The unit may be used while the battery is being charged.

3. The display will show any pressure reading detected by the unit and should read “0.” If any other number is displayed, the “zero reference” requires reset. To reset, turn the unit off by holding down the power button pressed for 1-2 seconds and remove any cuff connected to the Leg Air outlet. Press and HOLD BOTH the pressure DECREASE button and the power/buffer button for at least 2 seconds to turn the unit back on. The unit should reset to a “0” reading on the display. Reconnect the Leg 1 cuff if applicable.

4. Press the MIDI button to select either 1, 2, or 4 different output modes (leg 1, leg 2, AUX, or a combination of leg 1 + AUX or leg 1 + leg 2 + AUX). The selected outputs will be indicated by the illumination of the corresponding function indicator near the bottom of the control panel. Note: Adjustments can be made at any time that the pump is at “rest” (i.e., before cycling begins or during “rest” periods between cuff inflations). Initial adjustments (immediately after power ON) must be initiated within 5 seconds of power ON. CPR 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 Decrease or Pressure Increase buttons. The pressure of the AUX cuff is set to 35 mmHg when that function is initially selected. The auxiliary cuff pressure can be adjusted only when the auxiliary 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 both Leg cuffs is preset to 50 mmHg and cannot be adjusted.

6. The unit will begin to cycle through the selected functions 5 seconds after power is turned on, or after adjustments are made.

7. When a cuff is being inflated, the active outlet is indicated by a slow flashing of the corresponding “function indicator.” Adjustments are made during a “rest” period, the unit will resume cycling at the end of that rest period. The “rest” time is determined by the number of cuffs selected with the output mode. In a single cuff mode (leg 1, leg 2 or AUX only), the rest period is 60 seconds from the time the pressure is reached and the pump is turned off until the time that the cuff is re-inflated. In a dual cuff mode (leg 1 + leg 2 or leg 1 + AUX), the rest period is 25 seconds from the time the pressure is reached and the pump is turned off until the time the next cuff is pressurized. 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 next cuff is pressurized. This timing ensures that each cuff is being deflated for approximately 90 seconds, thus allowing ample rest time between compressions on the affected limb or extremity. If the active inflating wraps exhaust during the rest period and the display will show “- - -” during the rest period.

8. To turn off, press the power button for 2-3 seconds.

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

10. If the unit will not turn on, consult the TriplePlay unit and follow the cleaning and disinfecting procedures prior to use.

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

Customer Service

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

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dba: Compression Solutions
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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 cord to the main to the voltage adapter. The battery charge LED will illuminate RED while charging battery and turn GREEN when charge is complete. When battery fully charged and connected to wall socket during operation, the battery charge LED will change from GREEN to RED intermittently. 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 6001-1 approved power supply provided by Wildcat Medical, Inc. (output of +10 Volts DC ± 1.0 Amperes). Use of alternate power supplies could damage the system.

• 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 item.
• Do not use abrasive or volatile cleaners – display or control panel could become scratched and hard to read.
• Do not wash pump unit by submerging it in water or any other liquid.
• 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.