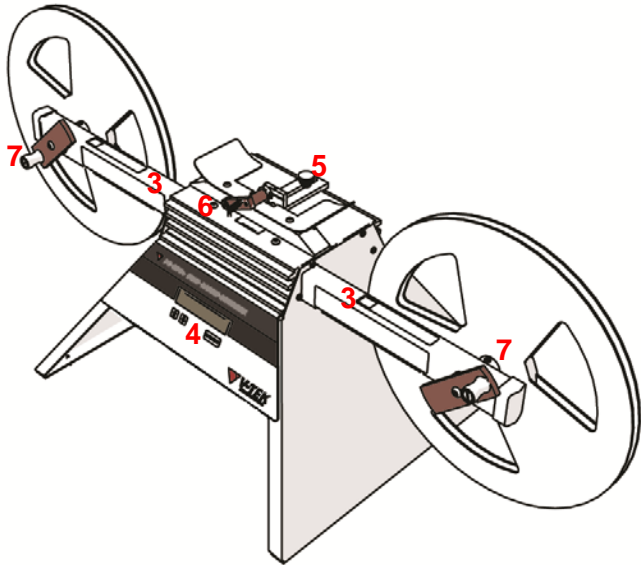
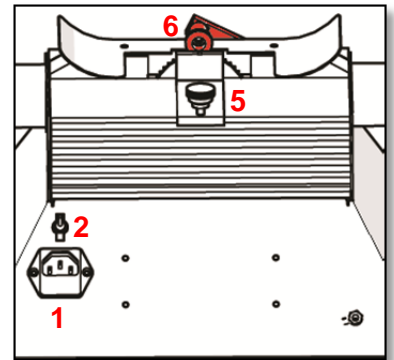


This quick start guide provides basic setup and operating instructions for the PC-250+. The intended use of the PC-250+ is to count taped reels of individually sealed components. Use of this equipment in any other way is not recommended.

Work Area: The PC-250+ is designed to be operated in a temperature-controlled, light industrial setting. The machine should be installed on a flat, dry, stable surface in a well-lit area. Choose a table that is at least 36" wide by 18" deep to provide sufficient space for the assembled machine.



1. AC Power Receptacle
2. Power Switch
3. Pitch Setting Guide
4. LED Display & Controls
5. Tape Adjustment Guide
6. Idler Wheel
7. Reel Arm Cranks



Physical Specifications:

Height: 12 inches (30 cm), **Width:** 30 inches (76 cm), **Depth:** 16 inches (40 cm), **Weight:** 14.5 pounds (6.4 kg)

Power Required: 120/230 VAC, 50-60 Hz, Four AA batteries allow portability

Operating Environment: Operating Temperature: 0°C - 50°C (32°F - 122°F), Maximum Humidity: 90% non-condensing



- *Only qualified personnel with the proper technical training, experience working on this type of equipment and awareness of the possible hazards should perform maintenance on the PC-250+.*
- *The user is protected from moving parts and exposure to objects being ejected under pressure by a metal enclosure. The PC-250+ should never be operated with the enclosure removed. There are no internal parts that can be serviced by the user.*
- *Always connect the power cord to the machine before plugging it into an outlet.*

Detailed User's Guides which include maintenance instructions, spare parts lists and troubleshooting information are available on the V-TEK, Inc. website: www.vtekusa.com.

Contact Information

V-TEK, Inc.
751 Summit Ave
Mankato, MN 56001

TEL: (507) 387-2039
website: <http://www.vtekusa.com>
email: service@vtekusa.com



Getting Started

1. **Connect Power**
Plug the AC power cord into the **AC Power Receptacle (1)** which is located on the back of the PC-250+. Connect the power cord to a 120/230 VAC power source or use battery power.

2. **Power On**
Flip the **Power Switch (2)** to the ON position. The current counting pitch will be displayed on the LED display on the front of the PC-250+ for 3 seconds.

3. **Determine Pitch**
Using the **Pitch Setting Guide (3)** on the reel support arm, determine the carrier tape pitch. Position the free end of the carrier tape so the first pocket is centered over the (0) mark. Note which of the numbered lines appears at the center of the next pocket after the first. This number is the pitch value of the carrier tape.

4. **Set Pitch Setting**
Press and hold the **RESET/SET** button until two beeps sound. The current pitch setting will be displayed on the **LED Display (4)**.

Use the **Up/Down Arrow** buttons to adjust the pitch setting until it matches the tape that will be processed. Press **RESET/SET** again to save the setting. Two beeps will sound to indicate the new setting has been saved.

5. **Load Tape**
Place an empty take-up reel on the left reel spindle and a full reel to be counted on the right reel spindle. Loosen the adjustment knob on the **Tape Adjuster Guide (5)** and slide the guide out.

6. **Feed Tape**
Lift the red **Idler Wheel (6)** from the sprocket wheel. Feed the tape under the tape guide, engaging the tape's sprocket holes with the sprocket wheel teeth. Lower the idler wheel. Slide the **Tape Adjuster Guide (5)** in until the edge of the tape is in the groove of the tape guide. Ensure the tape can move through the guide freely. Tighten the adjustment knob to secure the tape adjuster guide in place.

7. **Position Tape at Start**
Position the tape with the leading edge of the first component lined up with the index mark on the top of the **Tape Adjuster Guide**. Press the **RESET/SET** button on the front panel to zero the current count.

8. **Count a Reel**
Advance the tape by turning the left **Crank (7)** until the leading end reaches the hub of the take-up reel and attach it. Continue advancing the carrier tape until the last component reaches the index mark on the tape guide. The number of parts that have passed the index mark will be displayed on the LED display. When finished counting the reel, rewind the carrier tape back onto the original reel by turning the right crank.

