Vikye 4rg07pki28

Vikye Mechanical Length Counter User Manual

Model: 4rg07pki28

Product Overview

The Vikye Mechanical Length Counter is engineered for accurate measurement of linear distances in various industrial and manufacturing settings. It is commonly used for recording lengths of materials such as woven fabrics, plastic films, and leather. This counter features a clear 5-digit display, a robust mechanical design, and a user-friendly reset function.

- **Accurate Measurement:** Designed for precise length counting with a range of 0-9999.9.
- **Easy to Read:** Features a 5-digit display for clear and quick readings.
- **Simple Operation:** Easy to use with a convenient press-type reset mechanism.
- **Anti-Skip Wheels:** The rolling wheels are designed with stripes to prevent slipping during operation.
- **Versatile Application:** Suitable for various mechanical drives and materials like weaving, plastic film, and leather.



Image 1: The Vikye Mechanical Length Counter with both rolling wheels attached, showing the digital display and the reset button.

Setup Instructions

Follow these steps to set up your mechanical length counter for optimal performance:

1. **Unpack Components:** Carefully remove the counter unit and the two rolling wheels from the packaging.
2. **Attach Wheels:** Align each rolling wheel with the shafts on either side of the counter unit. Gently push and secure the wheels onto the shafts. Ensure they are firmly attached and can rotate freely.
3. **Mounting (Optional):** The counter unit has mounting holes on its base. If permanent installation is desired, use appropriate screws or bolts (not included) to secure the counter to a stable surface or machine frame. Ensure the counter is positioned so that the wheels make consistent contact with the material to be measured.
4. **Initial Reset:** Before first use, press the reset button (typically a black lever on the side of the display) to set the counter to '0000.0'.



Image 2: Components of the length counter, including the main counting unit and two separate rolling wheels, illustrating assembly.

Operating Instructions

Operating the Vikye Mechanical Length Counter is straightforward:

1. **Positioning:** Place the counter so that its rolling wheels are in direct contact with the surface of the material you wish to measure. Ensure sufficient pressure for consistent wheel rotation without slippage.
2. **Start Measurement:** Begin moving the material past the counter, or move the counter along the material. The wheels will rotate, and the display will increment the count. The counter measures in units of 0.1, with the last digit representing tenths.
3. **Reading the Display:** Read the current length directly from the 5-digit display. The display shows values from 0000.0 to 9999.9.
4. **Resetting the Counter:** To clear the current count and start a new measurement, firmly press down the black reset lever located on the side of the display. The display will return to '0000.0'.



Image 3: A close-up view of the reset button located on the side of the counter display, used to clear the count.

Maintenance

Proper maintenance ensures the longevity and accuracy of your length counter:

- **Cleaning:** Regularly wipe the exterior of the counter and the rolling wheels with a dry, soft cloth to remove dust, debris, or material residue. Avoid using harsh chemicals or abrasive cleaners.
- **Lubrication:** The internal mechanical components are generally self-lubricating. Avoid applying external lubricants unless specifically instructed by the manufacturer, as this can attract dust and impair function.
- **Storage:** When not in use, store the counter in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Inspection:** Periodically inspect the rolling wheels for wear or damage. Ensure they rotate smoothly and are free from obstructions. Check the display for clarity.

Troubleshooting

If you encounter issues with your length counter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Counter not incrementing	Wheels not making proper contact; wheels slipping; internal mechanism jammed.	Ensure firm contact with material; check for debris on wheels; verify material surface is not too smooth; if jammed, contact support.
Inaccurate readings	Wheel slippage; inconsistent pressure; material irregularities.	Adjust pressure to prevent slippage; ensure smooth material flow; check for wheel wear.
Reset button not working	Button jammed; internal mechanism fault.	Ensure button is not obstructed; apply firm, direct pressure; if still unresponsive, contact support.
Wheels not rotating smoothly	Debris in axle; damaged bearing.	Clean around the wheel axles; inspect for physical damage.

Specifications

Material	Metal
Count Range	0-9999.9
Transmission Ratio	1/3
Maximum Speed	350 RPM
Clearing Mode	Press Type
Product Dimensions	5.91 x 3.94 x 1.97 inches
Item Weight	1.26 Pounds (571.5 Grams)
Model Number	4rg07pki28
Color	Black (Wheels), Grey (Counter Unit)

Warranty and Support

This Vikye product is manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the contact information provided with your purchase or visit the official Vikye website. Please retain your proof of purchase for warranty claims.
For further assistance, you may contact the seller directly through the platform where the product was purchased.