VisionTechShop TVC-60

VisionTechShop TVC-60 Counting Scale User Manual

Model: TVC-60

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your VisionTechShop TVC-60 Counting Scale. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.

SETUP

Unboxing and Placement

Carefully remove the TVC-60 Counting Scale from its packaging. Place the scale on a stable, level surface to ensure accurate measurements. Avoid locations with excessive vibration, drafts, or extreme temperature fluctuations.

The VisionTechShop TVC-60 Counting Scale, ready for use with its stainless steel platter.

Platter Installation

Place the stainless steel platter securely onto the scale's weighing platform. Ensure it is centered and stable.

Power Connection

Connect the provided power adapter to the scale and a suitable power outlet. The scale can also operate on its internal battery for portability. Ensure the battery is charged for cordless operation.

Physical Dimensions

The TVC-60 scale has dimensions of approximately 11 inches (width) x 12 inches (depth) x 4 inches (height).

An image illustrating the dimensions of the TVC-60 scale: 11 inches (width) x 12 inches (depth) x 4 inches (height).

OPERATING INSTRUCTIONS

Power On/Off

Press the **ON/OFF** button to power the scale on or off.

Unit Switching (Lb/Kg)

The scale supports both pounds (Lb) and kilograms (Kg). Press the **UNIT** key to switch between these units.

Taring the Scale

To zero out the weight of a container or tray, place the empty container on the platter and press the **TARE** key. The display will show 0.000, indicating the container's weight has been deducted.

Counting Function

The TVC-60 scale is designed for efficient counting of small parts or coins.

1. Place an empty tray on the scale and press the **TARE** key to zero the display.

2. Place a known number of sample pieces (e.g., 5 coins) onto the tray.

3. Once the weight is stable, use the numeric keypad to enter the quantity of your sample pieces (e.g., '5').

4. Press the **SMPL** (Sample) key. The scale will calculate the average unit weight and display it in the "Unit Weight" section. The "Count" section will show the number of sample pieces.

5. You can verify the accuracy by adding a few more pieces. The "Count" display should update accordingly.

6. To accumulate count data, press the **M+** key after each count.

7. To recall the accumulated memory, press the **MR** key.

8. To clear the accumulated data, press the **C** key.

The TVC-60 Counting Scale in operation, showing a quantity of screws on the platter and the digital display indicating weight, unit weight, and count.

Connectivity and Print Functions

The TVC-60 features a standard RS-232C interface, allowing connection to a computer or printer for data output.

This image displays various print formats available from the TVC-60 scale, including receipt and label formats showing net weight, unit weight, and piece count.

Video Tutorial: Counting Coins

This video demonstrates the process of counting coins using the VisionTechShop TVC-60 Counting Scale. It covers placing a tray, taring the scale, placing a known sample of coins, entering the sample quantity, and observing the count increase as more coins are added.

MAINTENANCE

Cleaning

The stainless steel platter is removable for easy cleaning. Use a soft, damp cloth with mild detergent to clean the platter and the scale's body. Avoid abrasive cleaners or excessive moisture.

A clear front view of the TVC-60 scale, highlighting its three LCD displays for weight, unit weight, and number of pieces, along with the control panel.

Dust Cover

A dust cover is included to protect the scale from dust and debris when not in use. Place the dust cover over the scale after each use to maintain its condition.

Print Formats

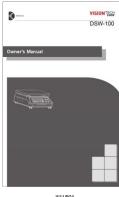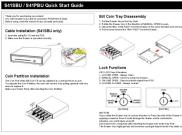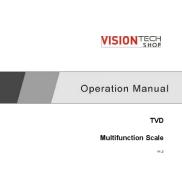| Net: 10.000 lb | Net: 10.000 lb | Counting Scale: TVC |
U.wt: 0.1 lb	U.wt: 0.1 lb	10.000 lb
PCS: 100	PCS: 100	0.1 lb/PCS
		100 PCS
Receipt Format	Label Format # 1	Label Format # 2

A transparent plastic dust cover designed to protect the TVC-60 Counting Scale when not in use.

TROUBLESHOOTING

Inaccurate Readings

- Ensure the scale is on a stable, level surface.
- Check for any obstructions under or around the platter.
- Verify that the scale has been properly tared before weighing or counting.

Related Documents - TVC-60

GL-6000L Scale Calibration Instructions

40 LBS
1. Turn on the power while pressing the CALIBRATION BOLT(See the photos at bottom) located next to the AC adapter with a sharp object to show "CAL" on the display.
2. Press "UNIT" key and show "C.Zero" on the display.
3. Press "TARE" x 2 times and show the calibration weight on the display.
4. Press "UNIT" until the calibration weight of "40" is on the display.
5. Load the exact weight (40) onto the scale then press "TARE".
6. The screen will display "PASS" to indicate that the calibration was successful.
7. Unload all weights.

150 LBS
1. Turn on the power while pressing the CALIBRATION BOLT(See the photos at bottom) located next to the AC adapter with a sharp object to show "CAL" on the display.
2. Press "UNIT" key and show "C.Zero" on the display.
3. Press "TARE" x 2 times and show the calibration weight on the display.
4. Press "UNIT" until the calibration weight of "150" is on the display.
5. Load the exact weight (150) onto the scale then press "TARE".
6. The screen will display "PASS" to indicate that the calibration was successful.
7. Unload all weights.

300 LBS
1. Turn on the power while pressing the CALIBRATION BOLT(See the photos at bottom) located next to the AC adapter with a sharp object to show "CAL" on the display.
2. Press "UNIT" key and show "C.Zero" on the display.
3. Press "TARE" x 2 times and show the calibration weight on the display.
4. Press "UNIT" until the calibration weight of "300" is on the display.
5. Load the exact weight (300) onto the scale then press "TARE".
6. The screen will display "PASS" to indicate that the calibration was successful.
7. Unload all weights.

[GL-6000L Scale Calibration Instructions - VisionTechShop](#)

Step-by-step guide for calibrating the VisionTechShop GL-6000L portable bench scale. Includes instructions for various weight capacities.

VISIONTECH
DSW-100
Owner's Manual

[VisionTech DSW-100 Digital Scale Owner's Manual](#)

This manual provides detailed information on the VisionTech DSW-100 digital scale, including product specifications, basic operations, settings, and troubleshooting.

VTS-CS4 (LCD)
High Resolution Digital Crane Scale

Calibration Manual

[VTS-CS4 LCD High Resolution Digital Crane Scale Calibration Manual](#)

Detailed calibration manual for the VTS-CS4 LCD High Resolution Digital Crane Scale, covering scale capacity settings and calibration procedures using both panel buttons and a remote controller.

Update Program Instructions

[VLP-100B Firmware Update Instructions](#)

Step-by-step guide on how to update the firmware for the VLP-100B label printing scale using a USB stick.

S41SBU / S41PBU Quick Start Guide

[S41SBU / S41PBU Cash Drawer Quick Start Guide](#)

A quick start guide for the S41SBU and S41PBU cash drawers, detailing cable installation, coin partition adjustment, disassembly, and lock functions.

VISIONTECH
SHOP

Operation Manual

TVD
Multifunction Scale

[TVD Multifunction Scale Operation Manual V1.2](#)

Comprehensive operation manual for the TVD series multifunction scales, detailing setup, basic operations, advanced features like parts counting and tolerance checking, specifications, error messages, and RS232 output. Includes guidance on power connection, unit selection, and accumulation.