

Tree LCT33

Tree LCT 33 Large Counting Scale User Manual

Model: LCT33

1. INTRODUCTION

Thank you for choosing the Tree LCT 33 Large Counting Scale. This precision instrument is designed for accurate counting and weighing of various items, from small components like jewelry and coins to bulk materials such as chemicals and powders. With its high sensitivity and robust design, the LCT 33 is an ideal tool for inventory management, quality control, and packaging applications. This manual provides detailed instructions for the proper setup, operation, and maintenance of your scale to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the scale. Failure to do so may result in damage to the unit or personal injury.

- Do not overload the scale beyond its maximum capacity of 33 lbs (15 kg).
- Operate the scale on a stable, level surface to ensure accurate readings.
- Avoid exposing the scale to extreme temperatures, humidity, or direct sunlight.
- Keep the scale away from strong electromagnetic fields or vibrating equipment.
- Use only the original AC adapter provided with the scale.
- Do not attempt to disassemble or repair the scale yourself. Refer all servicing to qualified personnel.
- Clean the scale with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Tree LCT 33 Counting Scale Unit
- Stainless Steel Weighing Pan
- AC Power Adapter (DC 12V, 1A)
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Front View



This image displays the main components visible from the front: the large stainless steel weighing pan, the green backlit LCD display, and the comprehensive control keypad with numeric and function keys.

4.2 Side View



The side view highlights the low-profile design of the scale, along with the adjustable leveling feet and the built-in bubble level, crucial for ensuring accurate measurements.

4.3 Rear View



The rear of the scale features the DC 12V power input port and the main power ON/OFF switch. A label reminds users to 'Use factory adapter only'.

4.4 Keypad and Display



The intuitive keypad includes numeric keys (0-9), memory keys (M1-M9), and dedicated function keys such as **TARE**, **ZERO**, **SAMPLE**, **QTY SET**, **STORE**, **TOTAL**, and **CE** (Clear Entry). The LCD screen simultaneously displays total weight, unit weight, and piece count.

5. SETUP

1. **Unpacking:** Carefully remove the scale and all components from the packaging. Retain the packaging for future storage or transport.
2. **Placement:** Place the scale on a firm, stable, and level surface, free from vibrations and drafts.
3. **Leveling:** Adjust the four adjustable feet at the bottom of the scale until the bubble in the built-in level indicator is centered. This is critical for accurate measurements.
4. **Power Connection:** Connect the AC power adapter to the DC 12V input port on the rear of the scale, then plug the adapter into a suitable power outlet. The scale can also operate on its internal rechargeable battery.

5. **Initial Power On:** Flip the power switch on the rear of the scale to the 'ON' position. The display will perform a self-test and then show '0.0000' or '0.000' depending on the unit.

6. OPERATION

6.1 Basic Weighing

1. Ensure the scale is powered on and displays '0.0000'. If not, press the **ZERO** key.
2. Place the item(s) to be weighed onto the center of the stainless steel weighing pan.
3. Read the weight displayed in the 'WEIGHT' section of the LCD.

6.2 Counting Function

The counting function allows you to determine the number of pieces based on a sample unit weight.

1. Place a known quantity of items (e.g., 10, 20, 50, 100 pieces) onto the weighing pan. This is your sample.
2. Press the **SAMPLE** key. The display will prompt you to enter the sample quantity.
3. Using the numeric keypad, enter the exact number of sample pieces you placed on the pan.
4. Press the **QTY SET** key to confirm. The scale will calculate and store the unit weight of the sample.
5. Remove the sample pieces. The display should return to '0' in the 'TOTAL (pcs)' section.
6. Place the items you wish to count onto the pan. The 'TOTAL (pcs)' display will show the total number of pieces.

6.3 Tare Function

The tare function allows you to subtract the weight of a container or packaging, so only the net weight of the contents is measured.

1. Place the empty container onto the weighing pan. The display will show its weight.
2. Press the **TARE** key. The display will reset to '0.0000', indicating the container's weight has been tared out.
3. Add the items to be weighed into the container. The display will now show only the net weight of the items.
4. To clear the tare, remove the container and press the **TARE** key again.

6.4 Memory Functions (M1-M9)

The scale features 9 memory keys (M1-M9) to store and recall frequently used unit weights or tare values.

1. **To Store a Unit Weight:** After setting a unit weight using the counting function (Section 6.2), press the **STORE** key, then press the desired memory key (M1-M9) to save the unit weight.
2. **To Recall a Unit Weight:** Press the desired memory key (M1-M9). The stored unit weight will be loaded, and the scale will be ready for counting based on that unit weight.

7. CALIBRATION

The Tree LCT 33 scale is factory calibrated. However, if you suspect inaccuracies or after significant environmental changes, recalibration may be necessary. For detailed calibration procedures, please refer to the separate calibration guide or contact Tree customer support. It is recommended to use certified

calibration weights for this process.

8. MAINTENANCE

- **Cleaning:** Wipe the scale's surface and weighing pan with a soft, damp cloth. For stubborn dirt, a mild detergent can be used. Ensure no liquid enters the internal components. Dry thoroughly.
- **Storage:** When not in use for extended periods, store the scale in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If using the rechargeable battery, ensure it is fully charged before long-term storage to preserve battery life. Recharge periodically if stored for many months.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not turn on.	No power; battery depleted; power adapter faulty.	Check power connection. Charge battery. Try a different outlet.
Inaccurate readings.	Scale not level; unstable surface; drafts; calibration needed.	Adjust leveling feet. Move to stable surface. Avoid drafts. Recalibrate if necessary.
Display shows 'OVERLOAD'.	Weight exceeds maximum capacity.	Remove excess weight immediately.
Counting function is incorrect.	Incorrect sample quantity entered; inconsistent unit weight of items.	Re-enter correct sample quantity. Ensure items have uniform weight.

10. SPECIFICATIONS

Feature	Detail
Model	LCT33
Capacity	33 lbs (15 kg)
Readability (Division)	0.001 lb (0.5 g)
Weighing Pan Dimensions	13" x 9" (33 cm x 22.87 cm)
Overall Product Dimensions	Approx. 13.75" (L) x 13.25" (W) x 4.125" (H)
Display Type	Backlit LCD
Power Source	AC Adapter (DC 12V, 1A) or Built-in Rechargeable Battery
Material	Plastic housing, Stainless Steel platter

Feature	Detail
Special Features	High Sensitivity, Precision, Bubble Level, Low-Profile Design, 9 Memory Keys
Item Weight	8 pounds
UPC	855736005344







10.1 Dimensions Diagram



This diagram provides a visual representation of the scale's key dimensions, including length, width, and height, in both inches and centimeters.

11. WARRANTY AND SUPPORT

The Tree LCT 33 Large Counting Scale comes with a **2-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For technical assistance, troubleshooting, or warranty claims, please contact Tree customer support. Our team provides real USA customer support to assist you with any questions or issues you may encounter. For the most up-to-date contact information, please visit the official Tree website or refer to your purchase documentation.

	<p>Christmas Tree Assembly and Care Instructions</p> <p>Detailed instructions for assembling, fluffing, cleaning, and storing your artificial Christmas tree. Includes safety guidelines, parts identification, and assembly steps for Type A and Type B trees.</p>
	<p>National Tree Company Artificial Christmas Tree Assembly Instructions and Guide</p> <p>Detailed assembly instructions, safety guidelines, and care tips for National Tree Company artificial Christmas trees, including Pre-Lit Hinged and Wrapped Trees, Low-Voltage LED Lit Trees, Memory Shape Trees, and trees with Music Match Bluetooth and Light Parade systems. Visit www.nationaltree.com for video tutorials.</p>
	<p>Dunhill Fir Artificial Christmas Tree Assembly Instructions and Safety Guide</p> <p>Comprehensive guide for assembling, setting up, and caring for Dunhill Fir artificial Christmas trees. Includes safety warnings, warranty information, and instructions for pre-lit, LED, Memory Shape, Music Match Bluetooth, and Light Parade models.</p>
	<p>Anko 2.4M (8ft) Cashmere Pre-Lit Christmas Tree Assembly and Safety Instructions</p> <p>Detailed instructions for assembling, disassembling, and safely using the Anko 2.4M (8ft) Cashmere Pre-Lit Christmas Tree. Includes warnings and adaptor information.</p>
	<p>Artificial Christmas Tree Assembly and Care Instructions</p> <p>Comprehensive guide for assembling, decorating, and storing your artificial Christmas tree. Includes safety warnings and maintenance tips.</p>
	<p>National Tree Company Artificial Christmas Tree Assembly and Safety Instructions</p> <p>Comprehensive guide for assembling, setting up, using, and maintaining National Tree Company artificial Christmas trees, including safety warnings, warranty information, and troubleshooting tips for various light systems.</p>

LCT SERIES intelligent weighing scale
LARGE COUNTING SCALE
WITH CHECK-WEIGHING FUNCTION



Operation Manual

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LCT SERIES intelligent weighing scale
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Operation Manual

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Andrew Operation Manual files rescue supply LCT SERIES 8 Rev 3 5 30 17 Functions The Series are high quality electronic precision weight scales designed to function as counting and check weights with

the following specifications Imperial unit version Model number Capacity Graduation Weighing pan Size lb 0001lb 227x337mm Manuals lwmeasurements 2015 09 LCTLCT 227x337mmTREE x 16 LARGE COUNTING SCALE X 0002 lbLCT ManualLCT 17Manual 17files Manuallwmeasurements 17cdn shopify s 1 0489 6990 8374 v 1684426666lwmeasurements |||

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LARGE COUNTING SCALE
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Operating Manual