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Escali L600

Escali L600 L-Series High Precision Professional Lab Scale

INSTRUCTION MANUAL

Model: L600 | Brand: Escali

1. Product Overview

The Escali L600 High Precision Professional Lab Scale is designed for accurate measurements in various units. It features a durable stainless steel platform, a sealed control panel, and a clear LCD digital display. This scale is ideal for applications requiring high precision weighing, such as in laboratories, kitchens, or for crafting.



Figure 1: Escali L600 L-Series High Precision Professional Lab Scale with its digital display and control buttons.

2. Setup

2.1 Unpacking and Initial Inspection

Carefully remove the scale from its packaging. Inspect the scale for any signs of damage. Ensure all components, including the removable stainless steel platform and batteries, are present.

2.2 Power Supply

The Escali L600 operates on 4 AA batteries, which are included. Locate the battery compartment on the underside of the scale and insert the batteries, ensuring correct polarity. The scale will turn off after two minutes of inactivity to conserve battery life.

Video 1: Demonstrates the use of rechargeable AA batteries in a precision lab scale, highlighting battery installation.

2.3 Placement and Leveling

Place the scale on a flat, stable, and level surface to ensure accurate readings. The scale features a built-in leveling system to assist with proper placement.



Figure 2: Close-up of the scale's leveling system, showing the bubble level for accurate placement.

Video 2: Instructions on how to level the lab scale for precise weight readings.

3. Operating Instructions

3.1 Power On/Off

Press the **ON/OFF** button to turn the scale on or off. The scale will automatically shut off after two minutes of inactivity to conserve battery life.

3.2 Unit Conversion

The scale measures in six different units. Press the **UNIT** button to cycle through the available measurement units:

- Grams (g) - Precision: 0.1 grams
- Ounces (oz) - Precision: 0.005 ounces
- Grains (gr) - Precision: 2 grains
- Carats (ct) - Precision: 0.5 carats
- Pennyweights (dwt) - Precision: 0.05 pennyweights
- Troy Ounces (oz t) - Precision: 0.005 troy ounces

3.3 Tare Feature

The tare feature allows you to reset the scale to zero weight. This is useful for measuring multiple items in the same container or for subtracting the weight of a container. Place the container on the platform, then press the **TARE** button. The display will reset to zero, and you can then add your items for measurement.

3.4 Hold Feature

The hold feature allows you to lock the displayed weight. This is useful when weighing large items that might obscure the display. Place the item on the scale, wait for the reading to stabilize, then press the **HOLD** button. The weight will remain on the display even after the item is removed.

CAPACITY:

600 g, 21.2 oz, 386
dtw, 19 oz t, 3004 ct,
9272 gn

INCREMENTS:

0.1 g, 0.005 oz,
0.05 dwt, 0.005 oz
t, 0.5 ct, 2 gn

UNITS:

grams, ounces,
pennyweights,
carats, grains and
troy-ounces

DISPLAY:

LCD display with
on/off switch for
blue backlight



DESIGN:

Removable stainless
steel platform

FEATURES:

Memory, display
hold and parts
counting features



Figure 3: Diagram highlighting the various features and controls of the Escali L600 scale, including capacity, increments, units, and display.

Video 3: An overview of Escali's commitment to measuring precision, showcasing the scale's design and functionality.

4. Maintenance

4.1 Cleaning

The removable stainless steel platform is dishwasher safe for easy cleaning. The display and controls are sealed under a protective shield to guard against accidental spills. For general cleaning, wipe the scale with a damp cloth and mild detergent. Do not immerse the entire scale in water.

4.2 Storage

Store the scale in a dry place at room temperature. Avoid extreme temperatures or humidity.

5. Troubleshooting

5.1 Inaccurate Readings / Calibration

If the scale provides inconsistent or inaccurate readings, it may require calibration. The Escali L600

requires a 500-gram calibration weight (not included) for proper calibration. Refer to the full user manual for detailed calibration instructions.

5.2 Buttons Unresponsive

If buttons are difficult to press or unresponsive, ensure the sealed control panel is clean and free of debris. If the issue persists, contact customer support.

5.3 Display Issues

If the display is blank or shows error messages, check the batteries and replace them if necessary. Ensure the scale is placed on a stable surface. If the problem continues, contact customer support.

6. Specifications

- **Brand:** Escali
- **Model:** L600
- **Color:** Black
- **Capacity:** 600 grams / 0.01 gram resolution
- **Units of Measurement:** Grams (g), Ounces (oz), Grains (gr), Carats (ct), Pennyweights (dwt), Troy Ounces (oz t)
- **Readout Accuracy:** 0.1 Grams
- **Display Type:** LCD with blue backlight
- **Material:** Stainless Steel platform
- **Power:** 4 AA batteries (included)
- **Special Features:** Auto Shut Off, Tare Feature, Hold Feature, Sealed Control Panel, Removable Stainless Steel Top
- **Product Dimensions:** 8 x 6 x 3 inches
- **Item Weight:** 1.76 Pounds

7. Warranty and Support

The Escali L600 L-Series High Precision Professional Lab Scale comes with a one-year warranty. For warranty claims, technical support, or further assistance, please refer to the contact information provided in your product packaging or visit the official Escali website.