


**Rice Lake IQ9500 Counting Scale**



# Rice Lake IQ9500 Counting Scale User Guide

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**Rice Lake IQ9500 Counting Scale**



## Specifications

- **Model:** IQ9500 Counting Scale
- **Features:** Operator Card, Front Panel Keypad
- **Functionality:** Parts Counting, Tare Function, Accumulation

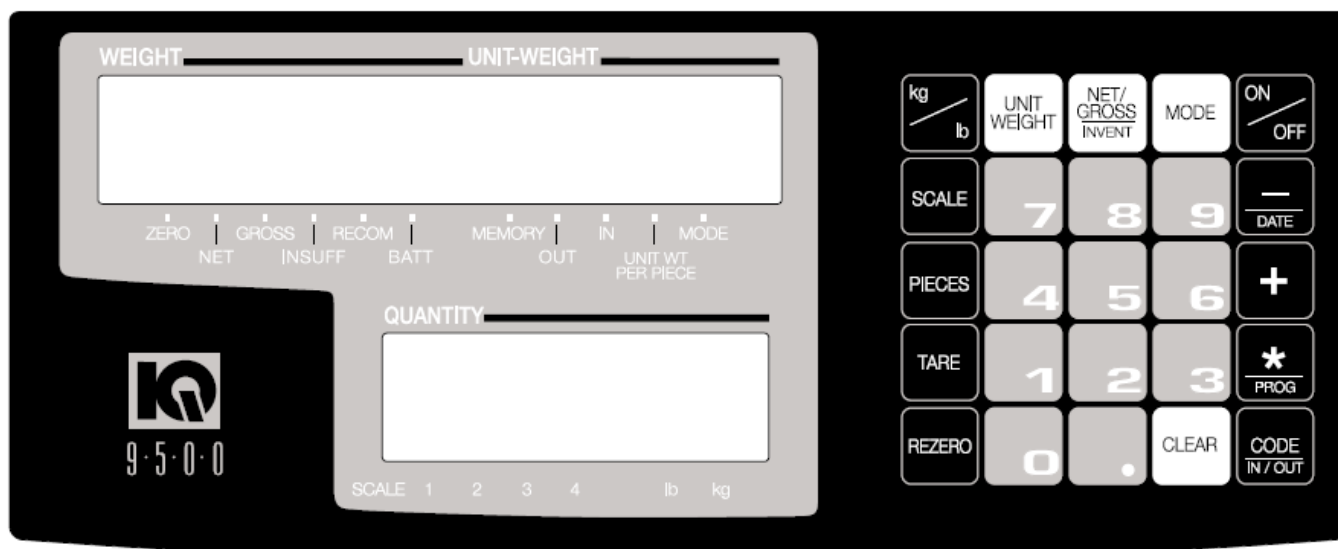
## FAQ

### Frequently Asked Questions

- **Q:** How do I reset the scale to zero?
  - **A:** You can reset the scale by pressing TARE with an empty container on the platform or by pressing REZERO for digital tare entry.
- **Q:** Can I count parts by removing them from a container?
  - **A:** Yes, you can perform negative parts counting by following the steps outlined in the manual under Negative Parts Counting section.

## Front Panel Keypad

The IQ9500 annunciators, numeric keypad, and normal mode key functions are shown in the illustration below



## Using Instructions

### Determining a Unit Weight

1. From the net weighing mode, put a sample number of pieces, 10 or more, on platform.
2. If you used a sample of 10, press PIECES key (this key defaults to 10). If you used a sample number other than 10, key in number of sample pieces with numeric keys then press PIECES. The unit weight per 1000 pieces is displayed on UNIT WEIGHT display, provided the UNIT WT PER PIECE annunciator is not illuminated. If the UNIT WT PER PIECE annunciator is illuminated, then the unit weight per piece (A.P.W.) is being displayed.

### Entering a Known Unit Weight

A known unit weight can be entered directly through the keypad using numeric and decimal keys, and then completed by pressing UNIT WEIGHT. If UNIT WT PER PIECE annunciator is illuminated, enter the unit weight per piece (A.P.W.). If it is not illuminated, enter unit weight per 1000 pieces.

### One-Touch Tare

1. Place empty container on scale and press TARE once. The WEIGHT display shows zero with empty container on scale.
2. Reset tare to zero by removing container and pressing TARE or by pressing 0 and then TARE.
3. Press REZERO to rezero scale.

### Digital Tare Entry

1. Press REZERO. After resetting, all displays show zero.
2. Enter number 0.2 using keyboard. Then press TARE. For digital tare entry, decimal must be in appropriate place as they would be displayed in WEIGHT display. For example; 250 would be entered as 0.250 not .250.
3. The WEIGHT display shows weight entered with a negative sign indicating that it is a tare weight.
4. The tare may be reset to zero by pressing TARE or by pressing 0 and then TARE.
5. Press REZERO to rezero scale.

## **Parts Counting**

### **On the Scale Platform**

- After the unit weight is determined, additional parts may be placed onto the platform and the correct weight and quantity will be displayed.
- The original sample may be left on the scale and the displayed weight and quantity will be the total.

### **Into a Container**

- Place the empty container onto the platform. Press TARE to tare off the weight of the container.
- As parts are added into the container, the QUANTITY display shows the count.

### **Negative Parts Counting**

This feature counts the parts quantity as you remove them from a bulk container on the platform. (See SPEC 04 in the manual.) To perform negative parts counting:

1. Place container (with parts) on platform.
2. Press REZERO.
3. Take a 10-piece sample from container and press PIECES (or key in number if other than 10 and press PIECES). The QUANTITY display shows a count of 10 (or quantity entered).
4. Remove parts from container and watch QUANTITY display count up from number entered in Step 3.

### **Accumulation**

To accumulate a parts count from a series of weighments:

1. After a parts count has been developed, press + to store displayed quantity in memory. The QUANTITY display shows totAL and the MEMORY annunciator is illuminated. Scale then returns to weighing mode.
2. Repeat procedure for each container or quantity.

To clear memory after a series of accumulation entries, press \* after last +. This cancels stored memory (memory annunciator goes out).

If an entry must be deleted from accumulated total, place correct quantity on scale or key in quantity to be subtracted, and press -.

### **NOTE**

- The IQ9500 counting scale accumulates up to 999,999.

### **Toggle between Scales**

To toggle between Scale 1 through Scale 4, press SCALE key. Only scales present will be selected, i.e., a two-scale system switches between Scale 1 and Scale 2 only.

1. Press SCALE key to change from Scale 1 to Scale 2.

2. Press SCALE key to change from Scale 2 to Scale 3.
3. Press SCALE key to change from Scale 3 to Scale 4.
4. Press SCALE key to change from Scale 4 to Scale 1.

### Toggling Between Net and Gross Weight

To toggle between net and gross weight, a tare value must be entered into the scale.


1. Place 0.5 lb weight on scale and press TARE once. The WEIGHT display should show 0.000 lb.
2. Place another 0.5 lb weight on scale. The scale WEIGHT display should now show 0.500 and the NET annunciator should be illuminated.
3. Press NET/GROSS. The WEIGHT display should show 1.000 and GROSS weight annunciator is illuminated as well as UNIT-WEIGHT and QUANTITY displays go blank.
4. Press NET/GROSS. The WEIGHT display should now show 0.500 and is NET weight annunciator is illuminated.

### Recompute a Unit Weight

- After computing a unit weight, add approximately two times as many pieces used to calculate the unit weight to the scale and press PIECES.
- The scale will recompute the unit weight and enhance the accuracy of the unit weight value.

**NOTE:** Only do this two times after the initial calculation as soon or later you will pick up an error due to non-uniformity in pieces.

### Documents / Resources

	<p><a href="#">Rice Lake IQ9500 Counting Scale</a> [pdf] User Guide IQ9500 Counting Scale, IQ9500, Counting Scale, Scale</p>
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### References

- [User Manual](#)

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