

# Rice Lake TS Series

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## Dry-Cell Battery Operation Manual

### IMPORTANT

- To ensure safe and proper use of the balance, please read this manual carefully.
- After reading this manual, store it in a safe place near the balance, so you can review it as needed.

## 1. Compatible dry-cell batteries

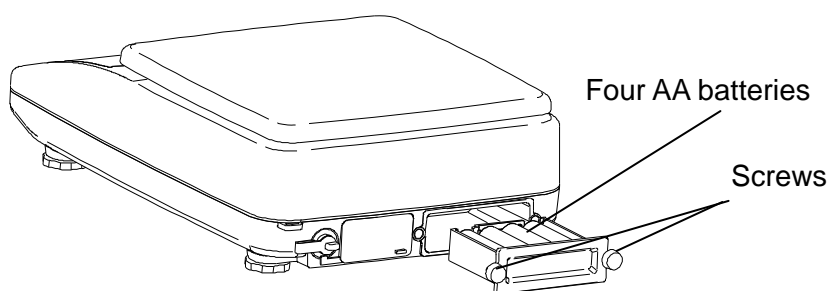
Alkaline batteries, manganese batteries, nickel hydride rechargeable batteries, and NiCad rechargeable batteries can be used with this balance. Use four AA batteries. No dry-cell batteries or rechargeable batteries are included with this balance. Please purchase dry-cell batteries or rechargeable batteries and a charger separately.

\*You cannot charge batteries with this balance.

## 2. Installing batteries




To operate this balance with batteries, set batteries in the battery case and insert the battery case into the balance.

\*To make sure the balance remains waterproof and dustproof, secure the battery case with screws so that there is no play.



## 3. Symbols displayed when the balance is battery-operated

When the balance is battery-operated, “” is displayed. It changes depending on the remaining battery capacity.

Symbol	Description
	The battery level is normal.
	The battery level is low.
 (Blinking)	The batteries have run down. Remove and charge them with a charger, or replace them with new ones.

## 4. Battery run time

Continuous run time with alkaline batteries

- When the backlight is on: approximately 32 hours
- When the backlight is off: approximately 200 hours

The battery run time varies depending on whether values are output, where the balance is placed, and under what conditions the balance is operated, in addition to whether the backlight is on or off.

## 5. Function setting for extended battery run time

The battery run time can be extended by changing the function settings.

Item	Setting	Description
Interface	<i>E. 1. F.</i>	<input type="checkbox"/> Stops input/output
		<input checked="" type="checkbox"/> 1 Numeric 6-digit format
		<input type="checkbox"/> 2 Numeric 7-digit format
		<input type="checkbox"/> 3 Extended numeric 7-digit format
Auto power off	<i>S. A.P.</i>	<input checked="" type="checkbox"/> Disable
		<input type="checkbox"/> 1 Enable
Auto backlight off	<i>A. A. b.</i>	<input checked="" type="checkbox"/> Disable
		<input type="checkbox"/> 1 Enable
Backlight control	<i>O. b. L.</i>	<input type="checkbox"/> Off
		<input type="checkbox"/> 1 On
		<input checked="" type="checkbox"/> 2 On when the balance is AC-adapter operated, and off when the balance is battery-operated

Stars (☆) indicate factory defaults.

### [Interface]

When no outputs are to be made, we recommend that the interface function be set to “*E. 1.F.0.*” Setting the interface function to “*E. 1.F.0.*” deactivates the circuitry for outputs, reducing battery consumption.

### [Auto power off]

The balance automatically turns off when the balance is stable for about 5 minutes. The balance automatically turns off when you forget to turn it off, extending the battery life.

### [Auto backlight off]

The backlight automatically turns off when the balance is stable for about 3 minutes. When any key is pressed or any change in weight is detected, the backlight turns on. This function is enabled when “*O. b. L. 1*” is selected.

### [Backlight control]

“*O. b. L. 2*” is selected when the balance is shipped. The backlight automatically turns off when the balance is battery-operated.



**Caution** To use this balance safely, be sure to follow these instructions:

1. Do not dismantle, modify, insert with reverse polarity, or short-circuit batteries, as doing so could damage the batteries, causing the balance to fail or catch fire.
2. Do not throw batteries into fire, as doing so could cause the batteries to burst.
3. Do not use old and new batteries or batteries of different types or manufacturers together.
4. Do not charge batteries other than rechargeable batteries. Doing so could cause electrolyte to leak or the battery to burst.
5. Remove the batteries from the balance when not in use for a prolonged period of time.
6. Do not use batteries if the electrolyte is leaking.
7. Follow the instructions provided on the dry-cell batteries or rechargeable batteries.
8. When disposing of depleted batteries, follow local regulations.