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› [iScale](#) /

› [iScale P-500S Commercial Scale User Manual](#)

## iScale P-500S

# iScale P-500S Commercial Scale User Manual

Model: P-500S

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation of your iScale P-500S Commercial Scale. This heavy-duty scale features a 600x600mm stainless steel platform, a 500kg capacity with 50g accuracy, and a built-in thermal printer for weight slip generation. Please read this manual thoroughly before use and retain it for future reference.

# Modern Commercial Scale with Printing Function

Upgrade your traditional weighing scale to  
a Next-gen commercial scale with printing functionality

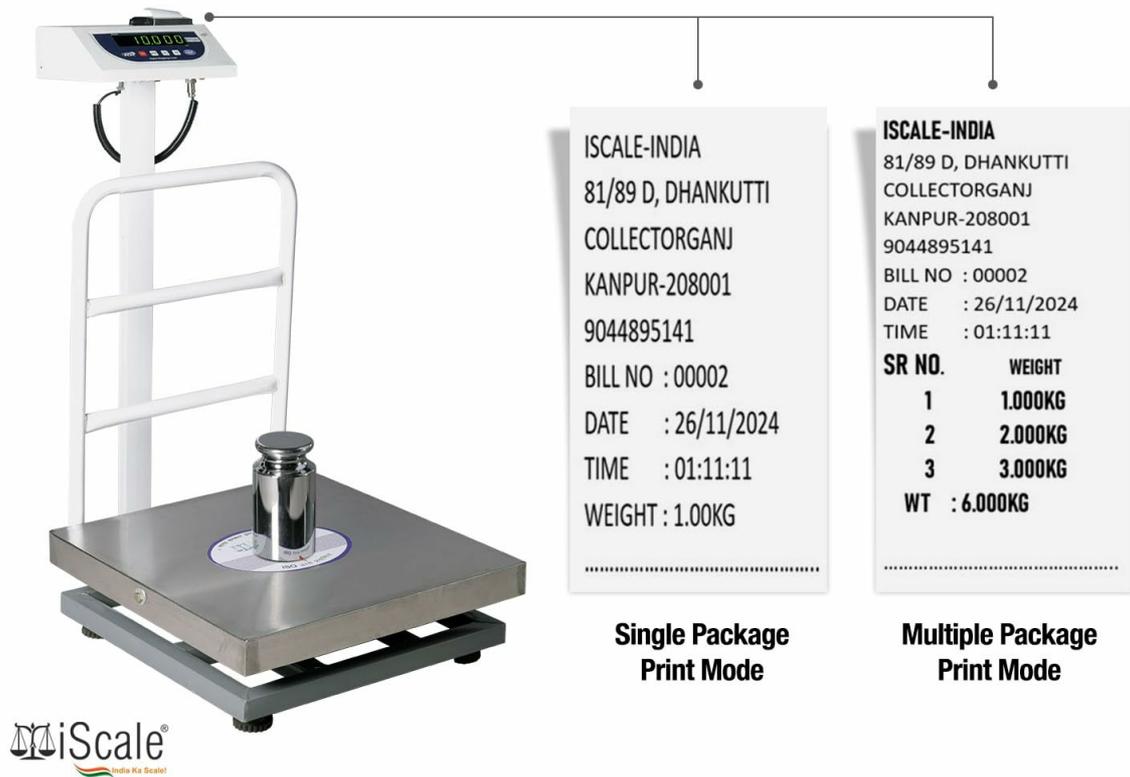


Figure 1: iScale P-500S Commercial Scale

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Weighing Scale Platform
- Power Adapter
- Display Box with Built-in Thermal Printer
- Pole for Display Unit
- Calibration Certificate
- Installation & Setup Manual (this document)



Figure 2: Key components of the iScale P-500S scale.

### 3. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Placement:** Place the weighing scale platform on a flat, stable, and level surface. Ensure there is no direct wind exposure, as this can affect weighing accuracy.
3. **Assembly:**
  - Attach the pole to the weighing platform.
  - Mount the display box with the thermal printer onto the top of the pole.
  - Connect the necessary cables between the platform and the display unit as indicated in the included installation manual.
4. **Power Connection:** Connect the power adapter to the display unit and plug it into a suitable power outlet. The scale can operate directly from power or use its built-in 15-hour emergency backup battery.
5. **Initial Power On:** Press the power button. The display should light up and perform a self-test.
6. **Calibration:** Your scale includes a calibration certificate. For any concerns regarding accuracy, refer to the detailed calibration instructions in the separate installation manual or contact customer support.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Weighing

1. Ensure the scale is powered on and displays "0.000".
2. Place the item to be weighed onto the center of the stainless steel platform.
3. Read the weight displayed on the LED screen.

### 4.2 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 on the platform.
2. Press the **TARE** button. The display will reset to "0.000".
3. Add the items to be weighed into the container. The display will show the net weight of the items.

### 4.3 Weight Slip Printing

The built-in thermal printer allows you to print detailed weight slips.



Figure 3: Single and Multiple Package Print Modes.

- **Single Package Print:** After weighing an item, press the **PRINT** button (or equivalent, refer to display unit buttons) to print a slip with details such as company name, address, serial number, date, time, and weight.
- **Multiple Package Print (M+ Function):**
  - a. Weigh the first package.
  - b. Press the **M+** button to add the weight to memory.
  - c. Remove the package and place the next one. Repeat the process for up to 18 packages.
  - d. After weighing all packages, press the **MODE** button (or equivalent) to print a combined weight slip for the entire lot.

## 4.4 Liter Mode

The Liter Mode allows you to measure and print weight slips in liters, suitable for liquids or products measured by volume.

1. Press the **MODE** button repeatedly until "Liter Mode" is indicated on the display (or refer to specific button for Liter Mode).
2. Place the liquid or volume-measured product on the scale.
3. The display will show the measurement in liters. You can then print the slip as usual.

## 4.5 Reprint and Reports

The scale can store up to 999 transactions and generate reports.

- **Reprint:** Use the **MR** button (Memory Recall) or navigate through the menu to access saved transactions and reprint specific slips.
- **Reports:** The scale can generate date-wise and slip number-wise reports for detailed record-keeping. Consult the full installation manual for detailed instructions on report generation.



# Multiple Weighing Modes & Memory Function





**TARE**

To Remove The Weight Of Empty Utensils Or For Setting Zero



**MODE**

To Use Scale In Liter Mode, Piece Counting Mode & Printing



**M+**



**MR**

For Using Memory Adding Function

### Single Package Print Mode

Prints a weight slip for each package with details like company name, address, serial number, etc

### Multiple Package Print Mode

For multiple package weighing, press M+ for each package, then press Mode to print all weights with sub serial numbers.

Figure 4: Display unit showing control buttons.

## 5. MAINTENANCE AND CARE

- **Cleaning:** Wipe the stainless steel platform and display unit with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals. Ensure no liquids enter the display unit or printer.
- **Battery Care:** The scale has a 15-hour emergency backup battery. For optimal battery life, keep the scale plugged into electricity for continuous use. Only rely on battery backup during power outages.
- **Printer Maintenance:** The thermal printer requires no ink or refills, making it cost-effective. Ensure the paper roll is correctly installed.
- **Durability:** The scale features a rust-proof powder-coated metal body and a stainless steel chequered platform for long-lasting performance.
- **Storage:** When not in use for extended periods, store the scale in a dry, clean environment.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scale does not power on.	No power, loose connection, or depleted battery.	Check power adapter connection. Ensure outlet is functional. Charge battery if operating on battery power.
Inaccurate readings.	Unstable surface, external vibrations, or scale not level.	Place scale on a firm, level surface. Avoid drafts or vibrations. Recalibrate if necessary (refer to installation manual).
Printer not printing.	No paper, paper jammed, or printer error.	Check paper roll and replace if empty. Clear any paper jams. Ensure print command was sent correctly.
Display shows error code.	Internal error or overload.	Refer to the detailed installation manual for specific error codes. Remove any weight exceeding capacity. Restart the scale.

## 7. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	P-500S
Brand	iScale
Weight Limit	500 Kilograms
Readout Accuracy	50 Grams
Minimum Weight	300 Grams
Platform Size	600x600mm
Platform Material	Stainless Steel (SS)
Body Material	Rust-proof Powder-coated Metal

Feature	Detail
Display Type	LED (Backlit)
Special Features	Backlit Display, Large Display, Tare Function, Weight Slip Printing, Liter Mode, M+ Function
Power Source	Direct Power, 15-hour Built-in Battery Backup
Item Weight	28 Kilograms
Product Dimensions (LxWxH)	60 x 60 x 100 Centimeters
Country of Origin	India

## 8. WARRANTY AND SUPPORT

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- **Warranty:** The iScale P-500S comes with a 1-year warranty against manufacturing defects. This ensures peace of mind and reliable use of your product.
- **On-call Support:** On-call support is available for assistance with self-setup, installation of slip printing, and machine settings. Service is available in all major cities.
- **Contact Information:** For support or warranty claims, please refer to the contact details provided in your purchase documentation or on the official iScale website.