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iScale ISP-500S

iScale ISP-500S Digital Platform Weighing Scale User Manual

Model: ISP-500S

1. INTRODUCTION AND OVERVIEW

The iScale ISP-500S is a robust digital platform weighing scale designed for accurate and reliable measurements in various commercial and industrial settings. With a maximum capacity of 500 kg and a precision of 50 grams, this scale is suitable for general grocery stores, kitchens, parcel weighing, warehouses, retail operations, and diverse industrial applications. It is OIML R76 compliant and ISO certified, ensuring high standards of quality and accuracy.



Image 1.1: The iScale ISP-500S Digital Platform Weighing Scale, a robust unit for commercial and industrial use.

2. SAFETY INFORMATION

Legal Disclaimer: As per Rule 27(5)(iv) of the Legal Metrology (General) (Amendment) Rules, 2021, all commercial weighing scales above 50kg capacity must be verified at the place of installation by the Local Legal Metrology Department before use. This is a legal requirement, and the user is solely responsible for ensuring compliance every year.

To ensure safe operation and longevity of your scale, avoid exceeding the maximum weighing capacity of 500 kg. Protect the unit from excessive moisture and extreme temperatures. Do not attempt to open or repair the scale yourself, as this may void the warranty and pose a safety risk.

3. PACKAGE CONTENTS

Please verify that all the following components are included in your package:

- Weighing scale platform (600mm x 600mm stainless steel)
- Charger (220V Power Adapter)

- Display box
- Back grill
- Pole
- Initial Calibration/Verification certificate
- Self-installation manual

4. SETUP INSTRUCTIONS

Follow these steps to set up your iScale ISP-500S weighing scale:

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Platform Placement:** Place the stainless steel weighing platform on a stable, level surface. Ensure the surface can support the scale's weight plus the maximum load.
3. **Pole Assembly:** Attach the pole to the designated slot on the weighing platform base. Secure it firmly using the provided hardware.
4. **Display Box and Back Grill:** Mount the display box onto the top of the pole. If included, attach the back grill to the display unit for customer viewing.
5. **Power Connection:** Connect the 220V power adapter to the scale and plug it into a suitable power outlet. The scale also features a power backup for up to 2 days.
6. **Initial Verification:** Refer to the included Initial Calibration/Verification certificate. Ensure compliance with local legal metrology requirements for commercial scales above 50kg capacity.



Image 4.1: The scale with key dimensions, illustrating its physical size and components.

5. OPERATING INSTRUCTIONS

This section details the basic operation and functions of your iScale ISP-500S.

5.1 Basic Weighing

1. **Power On:** Press the 'ON/OFF' button to turn on the scale. The green LED display will illuminate.
2. **Zeroing:** Ensure the display reads '0.000' before placing any item on the platform. If not, press the 'TARE' button to zero the scale.
3. **Weighing:** Carefully place the item to be weighed on the center of the stainless steel platform. The weight will be displayed on the LED screen.
4. **Minimum Weight:** The scale can accurately measure items from 200 grams upwards, with a weighing accuracy step of 50 grams.

5.2 Special Functions



For using multiple units of measurement like Litre Piece counting, Kg Etc.



For using memory adding function.



For using memory adding function.



To remove the weight of empty utensils or for setting Zero

Image 5.1: Close-up of the display unit, showing the LED screen and control buttons.

- **TARE Function:** Press the 'TARE' button to remove the weight of an empty container or to set the display to zero. This allows you to weigh only the contents.
- **MODE Button:** Use the 'MODE' button to cycle through multiple units of measurement (e.g., Kg, Litre, Piece counting, if available).
- **M+ (Memory Add) Function:** This button is used for the memory adding function, allowing you to sum multiple weights.
- **MR (Memory Recall) Function:** This button is used to recall stored memory values.
- **Auto Shut Off:** The scale features an automatic shut-off function to conserve power when not in use.
- **Backlit Display:** The green LED display is backlit for clear visibility in various lighting conditions.



Back display
for
Customer view



Image 5.2: The back display provides a clear view of the weight for customers or secondary users.

6. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your weighing scale.

- **Cleaning:** The stainless steel platform can be cleaned with a damp cloth and mild detergent. Avoid abrasive cleaners or harsh chemicals. Ensure no liquid enters the display unit or internal components.
- **Overload Protection:** The scale is equipped with overload protection. Avoid placing items exceeding 500 kg to prevent damage to the load cells.
- **Rats Protection:** The design includes features for rats protection to safeguard internal wiring and components.
- **Power Saver Mode:** The scale automatically switches to power saver mode during non-use to extend battery life. When fully charged, the standby time is approximately 6 months.
- **Storage:** Store the scale in a dry, stable environment away from direct sunlight and extreme temperatures.



Skid proof
strong
rubber legs.



Stainless steel
pan for
Hygienic weighing

Image 6.1: Features like skid-proof rubber legs and a stainless steel pan contribute to stability and hygienic weighing.

7. TROUBLESHOOTING

If you encounter issues with your iScale ISP-500S, consider the following general troubleshooting steps:

- **No Display/Power:** Check if the power adapter is securely connected and the power outlet is functional. Ensure the scale is charged if operating on battery.
- **Inaccurate Readings:** Ensure the scale is on a level surface. Recalibrate if necessary (refer to the self-installation manual for calibration procedures). Verify no objects are touching the platform or base.
- **Display Error:** Turn the scale off and then on again. If the error persists, contact customer service.
- **Overload Indication:** Remove any excess weight immediately if an overload warning appears.

8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	iScale
Model Number	ISP-500S
Maximum Weighing Capacity	500 kg
Readout Accuracy	50 Grams
Minimum Weight	200 Grams
Platform Dimensions	600mm x 600mm (24x24 inch)
Material	Stainless Steel (Platform), Metal (Body)
Display Type	Green LED
Power Source	AC/DC (220V Power Adapter, 2-day power backup)
Special Features	Auto Shut Off, Backlit Display, Tare Function, Rats & Overload Protection
Product Dimensions (LxWxH)	60 x 60 x 90 cm
Item Weight	28 kg
Country of Origin	India

9. WARRANTY AND SUPPORT

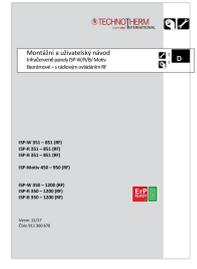
Your iScale ISP-500S Digital Platform Weighing Scale comes with **one-year warranty** against manufacturing defects from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

After-Sales Service: Should you encounter any issues during installation or operation, please contact iScale customer service. The contact number is provided in the manual included with your product. Service is available in all major cities.

For technical assistance, troubleshooting, or warranty claims, please have your product model number (ISP-500S) and purchase details ready when contacting support.

Related Documents - ISP-500S

	<p>Telli Health iScale U30B User Manual and Specifications</p> <p>Comprehensive guide to the Telli Health iScale U30B electronic weight scale, including setup, operation, specifications, care instructions, and FCC compliance information.</p>
	<p>iScale Quick Start Guide: Setup and First Reading SMARTMETER</p> <p>Follow this SMARTMETER iScale Quick Start Guide to set up your cellular weight scale (Model SMSC2001-G-001) for accurate readings and seamless data syncing.</p>

	<p>Schmidbauer ISP-TH/ISP-HB-TH Infrarot-Direktheizung Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für die Infrarot-Direktheizungen der Schmidbauer ISP-TH/ISP-HB-TH Serie. Enthält Installations-, Betriebs- und Sicherheitshinweise sowie technische Daten.</p>
	<p>tectake Infrarot-Direktheizung Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für tectake Infrarot-Direktheizungen (ISP-Serie), inklusive Sicherheitshinweisen, Montageanleitung, technischer Daten und Fehlerbehebung.</p>
	<p>StormAudio ISP MK2 Quick Start Guide: Immersive Sound Preamp/Processor Setup</p> <p>A comprehensive guide to setting up your StormAudio ISP MK2 Immersive Sound Preamp/Processor, covering connections, web interface access, theater configuration, audio adjustments, and presets.</p>
	<p>Montážní a uživatelský návod pro infračervené panely TECHNOTHERM ISP-W/R/B/Motiv</p> <p>Návod k montáži, instalaci, provozu a údržbě infračervených topných panelů TECHNOTHERM řady ISP-W, ISP-R, ISP-B a ISP-Motiv, včetně bezpečnostních pokynů a technických údajů.</p>