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Yoncon A6-300

Yoncon Digital Industrial Platform Scale A6-300 User Manual

Model: A6-300

1. INTRODUCTION

This manual provides detailed instructions for the proper assembly, operation, and maintenance of your Yoncon Digital Industrial Platform Scale, Model A6-300. Please read this manual thoroughly before using the scale to ensure safe and efficient operation. This scale is designed for accurate weighing of various items, including packages, luggage, and commercial goods, with a maximum capacity of 661 pounds and an accuracy of 0.1 pounds.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Scale Body (1)
- Scale Pan (1)
- Scale Corner (4)
- Screwdriver (1)
- Assembly Screws (4)
- AC/DC Adapter (1)
- User Manual (1)
- Assembly Card (1)



Image 2.1: Overview of the Yoncon A6-300 scale and its components, including the power cord and screwdriver.

3. PRODUCT FEATURES

3.1. 90° Folding Design

The scale features a 90-degree folding design, allowing for compact storage and easy transport. This design is beneficial for users who need to move the scale frequently or store it in limited spaces.



Image 3.1: The scale in its folded and unfolded positions, illustrating the 90-degree folding capability for storage.

3.2. High Precision Sensor

Equipped with a high-precision, pressure-bearing sensor, the scale provides accurate measurements within a range of 0.4 lb to 662 lb, with increments of 0.1 lb. This ensures reliable weight readings for various applications.



Image 3.2: Illustration highlighting the high precision sensors located under the weighing platform.

3.3. Durable Construction

The scale body is constructed from carbon steel, known for its durability and long service life. The scale head and buttons are made of stainless steel, offering enhanced resistance to wear compared to plastic components.

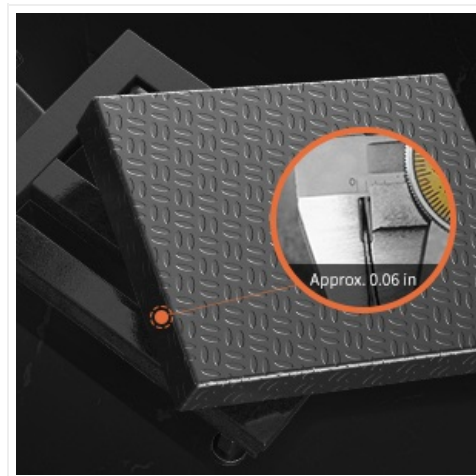


Image 3.3: Detail of the thickened carbon steel platform, indicating its robust construction.

3.4. Advanced Power System

The scale is powered by an upgraded poly lead-acid battery, offering faster charging, larger capacity, and extended standby time compared to traditional dry cell batteries. It includes an AC/DC adapter for 100V-240V power supply.



Image 3.4: Diagram showing the internal battery and external power input port.

3.5. Adjustable Leveling Feet

Four adjustable non-slip feet are located at the bottom of the scale. These feet allow for easy leveling of the platform on uneven surfaces, ensuring accurate measurements and stability.



Image 3.5: Detail of an adjustable foot, indicating its function for leveling the scale.

4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging and verify against the 'Package Contents' list.
2. **Assemble the Scale Body:** Attach the scale pan to the main scale body using the provided assembly screws and screwdriver. Refer to the assembly card for specific steps and diagrams.
3. **Position the Scale:** Place the scale on a firm, level surface.
4. **Adjust Leveling Feet:** Use the adjustable feet at the base of the scale to ensure the platform is perfectly level. Rotate the feet clockwise or counter-clockwise until the scale is stable and does not wobble.
5. **Connect Power:** Plug the AC/DC adapter into the scale's power input port and then into a standard electrical outlet (100V-240V). The scale can also operate on its internal battery.

5. OPERATING INSTRUCTIONS

5.1. Control Panel Overview



Image 5.1: Labeled diagram of the scale's LCD display and control panel buttons.

5.2. Power On/Off

Locate the mechanical On/Off switch, typically on the side or back of the display unit. Flip the switch to turn the scale on or off. The LCD display will illuminate upon power-on.

5.3. Weighing Procedure

1. Ensure the scale is powered on and the display shows '0.00'.
2. Carefully place the item to be weighed onto the center of the platform.
3. Read the weight displayed on the LCD screen.

5.4. Unit Switching (Kg/LB)

Press the **KG/LB** button on the control panel to toggle between kilograms (kg) and pounds (lb) measurement units. The active unit will be indicated on the LCD display.

5.5. 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 scale platform.
2. Press the **TARE** button. The display will reset to '0.00'.
3. Add the items to be weighed into the container. The display will show the net weight of the items.

5.6. Zeroing

If the display does not show '0.00' when the platform is empty, press the **ZERO** button to reset the scale to zero. This ensures accurate measurements.

5.7. Price Computing Function

This scale can store up to 3 unit price patterns (M1, M2, M3) and calculate the total amount for up to 99 items. Refer to the assembly card or specific product documentation for detailed instructions on programming and using the price computing features.

5.8. Counting Function

The scale includes a counting function for determining the quantity of multiple small items of uniform weight. Consult the assembly card or specific product documentation for detailed instructions on how to utilize this feature.

6. MAINTENANCE

- **Cleaning:** Wipe the scale platform and display with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.
- **Storage:** When not in use, especially for extended periods, fold the scale to its compact position and store it in a dry, safe place.
- **Battery Care:** Recharge the poly lead-acid battery regularly to maintain its performance and extend its lifespan. Avoid fully discharging the battery frequently.
- **Avoid Overload:** Do not exceed the maximum weight capacity of 662 lbs to prevent damage to the sensors and internal components.

7. SPECIFICATIONS

LARGE SIZE LARGE PLATFORM

Larger items can be measured with a wider measuring range to provide maximum convenience



Image 7.1: The Yoncon A6-300 scale with its open dimensions indicated.

Feature	Detail
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Feature	Detail
Model	A6-300
Brand	Yoncon
Material	Carbon Steel (body), Stainless Steel (head/buttons)
Open Dimensions (H x L x W)	32.3 x 19.7 x 15.8 inches
Folded Dimensions (L x W x H)	19.7 x 15.8 x 7 inches
Maximum Weight Capacity	662 lbs (300 kg)
Minimum Weight Capacity	0.4 lbs
Accuracy / Increment	0.1 lbs
Measurement Units	Kg / LB (switchable)
Display Type	LCD
Power Supply	Upgraded Poly Lead-Acid Battery, 100V-240V AC/DC Adapter
Special Features	Folding Design, High Precision Sensor, Tare Function, Zeroing, Price Computing, Counting Function, Adjustable Feet, Auto Shutdown

8. WARRANTY AND SUPPORT

The Yoncon Digital Industrial Platform Scale A6-300 comes with a 5-year warranty. For technical support, warranty claims, or any inquiries regarding your product, please contact Yoncon customer service through the retailer where the product was purchased or visit the official Yoncon website for contact information.