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› [YELLOW JACKET Refrigerant Scale 110 LBS \(Model ASRCS-110L\) Instruction Manual](#)

YELLOW JACKET ASRCS-110L

YELLOW JACKET Refrigerant Scale

MODEL: ASRCS-110L (110 LBS CAPACITY)

Instruction Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your YELLOW JACKET ASRCS-110L Refrigerant Scale. Please read these instructions thoroughly before use to ensure proper function and to prevent damage to the unit or injury to yourself.

EASY TO USE- YOU BEST CHOICE

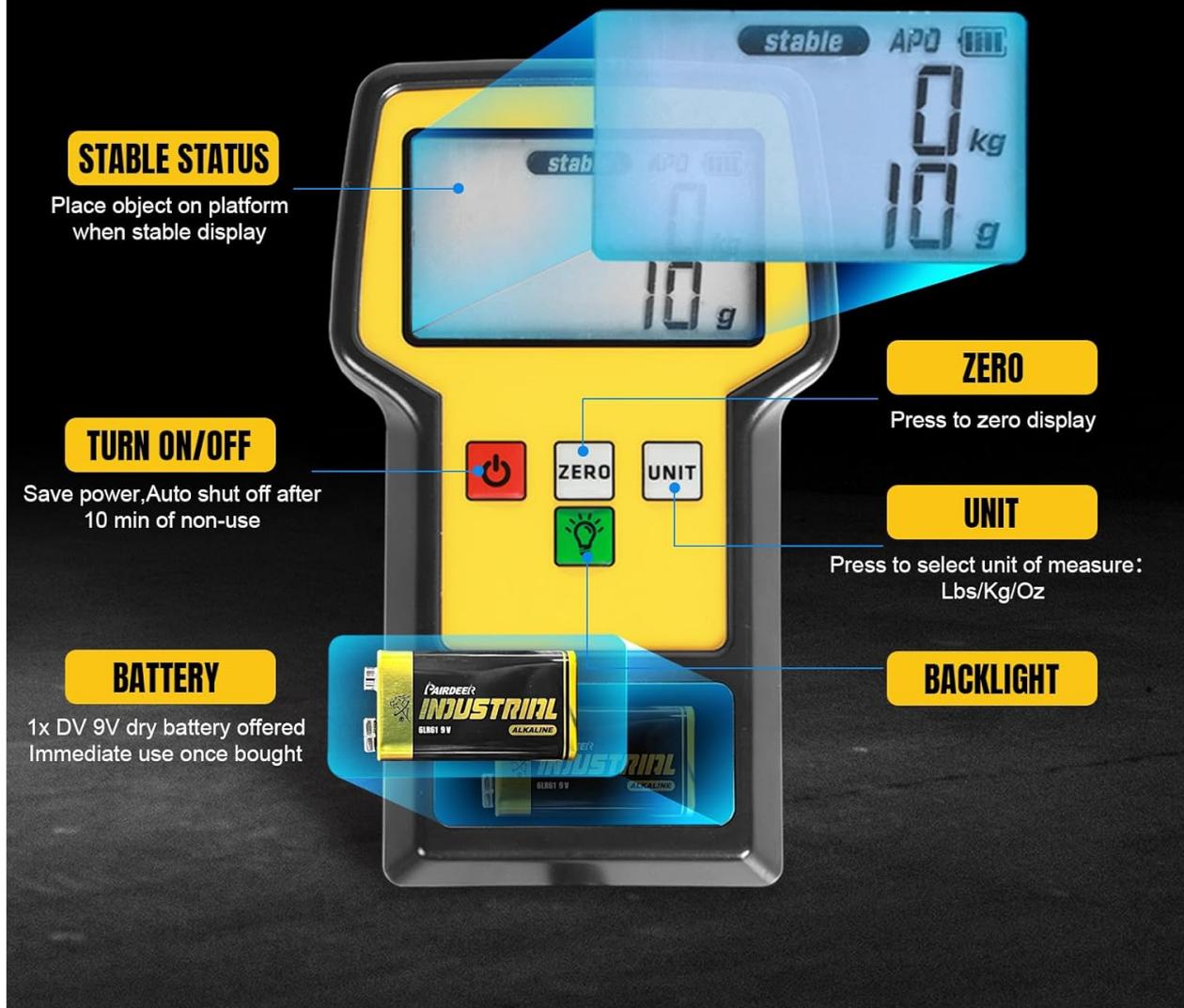


Image 1.1: The YELLOW JACKET Refrigerant Scale in operation, demonstrating its use with a refrigerant tank.

2. Safety Information

- Always place the scale on a stable, level surface to ensure accurate readings.
- Do not exceed the maximum weight capacity of 110 lbs (50 kg). Overloading can damage the scale's sensor.
- Keep the scale away from extreme temperatures, moisture, and direct sunlight.
- Do not immerse the scale or remote display in water.
- Use only the specified DV 9V dry battery. Remove the battery if the scale will not be used for an extended period to prevent leakage.
- Handle refrigerant tanks with care and follow all safety guidelines for refrigerant handling.

3. Package Contents

Verify that all items are present and in good condition upon unpacking:

- Refrigerant Scale Platform
- Remote Display Unit with coiled cable

- Portable Hard Carrying Case
- DV 9V Dry Battery
- Instruction Manual (this document)



Image 3.1: Included accessories: the scale, remote, 9V battery, and hard carrying case.

4. Product Features

- **High Accuracy Measurement:** Maximum capacity of 110 lbs (50 kg) with an accuracy of $\pm 0.05\%$ readings +5g and a resolution of 2g/0.1oz. Supports g/Kg/Oz/Lb units.
- **Ultra-large LCD Screen:** Provides clear readings even in low-light conditions. The remote display features a 110° extensible bracket for hands-free viewing.
- **Durable Construction:** Equipped with a high-quality aluminum alloy frame and a 9" x 9" weighing platform with non-slip rubber pads to prevent tank movement.
- **Portable Hard Case:** Waterproof, dustproof, and anti-collision case ensures safe transport and storage.
- **Multiple Protection Functions:** Displays "FULL" if weight exceeds capacity, preventing damage. Features automatic shut-off after 10 minutes of non-use to conserve battery. Backlight automatically turns off after 10 seconds, with an option for continuous illumination.

EXTREMELY LARGE LCD SCREEN DISPLAY

Provide more comfortable sense of vision than 99% scales

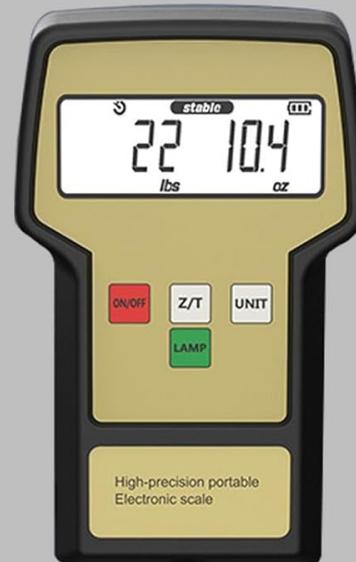
OURS



LARGE SCREEN

4 Units, 3 Combination Display Switches
LBS, KG & G ,LBS & OZ

OTHERS



SMALL SCREEN

VS

Image 4.1: The large LCD screen offers improved readability compared to smaller displays.

STURDY AND ANTI-SLIP PROTECTION DESIGN



CE
Authentication



Sturdy Aluminum Frame
Ruggedization for higher safety



Anti-Slip Rubber Platform
Prevent refrigerant tank from slipping

Image 4.2: Details of the sturdy aluminum frame and non-slip rubber platform for enhanced stability.

WATERPROOF, DUSTPROOF, ANTI-COLLISION, PORTABLE HARD CASE



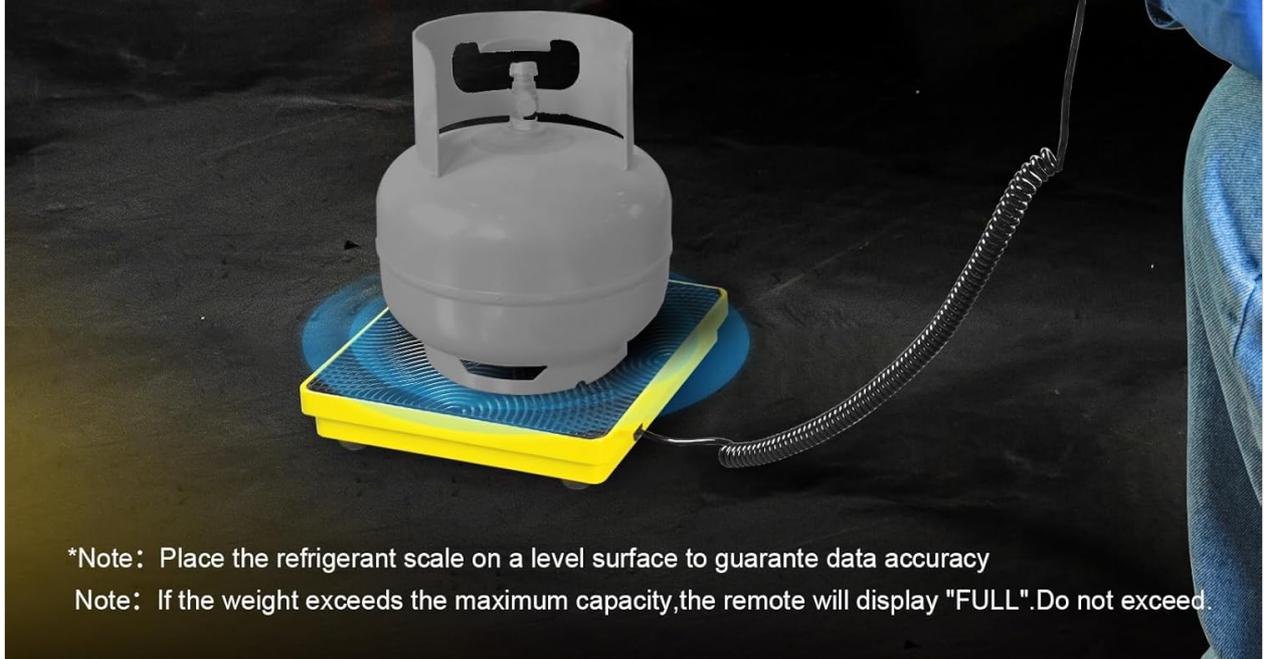
Image 4.3: The portable hard case provides secure storage and protection for the scale.

5. Setup

1. **Unpack:** Carefully remove all components from the carrying case.
2. **Install Battery:** Open the battery compartment on the remote display unit and insert the provided DV 9V dry battery, ensuring correct polarity.
3. **Position Scale:** Place the scale platform on a firm, level, and stable surface. Ensure there are no obstructions that could interfere with the weighing process.
4. **Connect Remote:** The remote display unit is connected to the scale platform via a coiled cable. Ensure the connection is secure.

HIGH ACCURACY AND LARGE CAPACITY

- Max capacity: 50Kg/110Lbs
- Resolution: 2g/0.1oz
- Accuracy: $\pm 0.05\%$ rdg +5g
- Operation temperature range: 14°F-104°F
- Storage temperature range: 5°F-122°F



*Note: Place the refrigerant scale on a level surface to guarantee data accuracy

Note: If the weight exceeds the maximum capacity, the remote will display "FULL". Do not exceed.

Image 5.1: Remote display controls and battery installation.

6. Operating Instructions

1. **Power On/Off:** Press the **ON/OFF** button to turn the scale on. The display will show a self-test sequence and then settle at zero. Press and hold the **ON/OFF** button to turn the scale off. The scale will automatically shut off after 10 minutes of inactivity.
2. **Zeroing the Scale:** Before placing any item on the platform, ensure the display reads "0". If not, press the **ZERO** button to reset the reading to zero. This is crucial for accurate measurements, especially when using a container or hose.
3. **Unit Conversion:** Press the **UNIT** button to cycle through the available measurement units: g (grams), Kg (kilograms), Oz (ounces), and Lb (pounds). The display will indicate the currently selected unit.
4. **Backlight Control:** Press the **Backlight** button (light bulb icon) to turn the backlight on. The backlight will automatically turn off after 10 seconds to save power. To keep the backlight continuously on, press and hold the **Backlight** button for 3 seconds until a beep is heard.
5. **Using the Extensible Bracket:** The remote display unit features a 110° extensible bracket on the back. Pull out the bracket to prop up the display for a comfortable, hands-free viewing angle.
6. **Weighing:** Place the item (e.g., refrigerant tank) gently on the center of the scale platform. The weight

will be displayed on the remote unit.

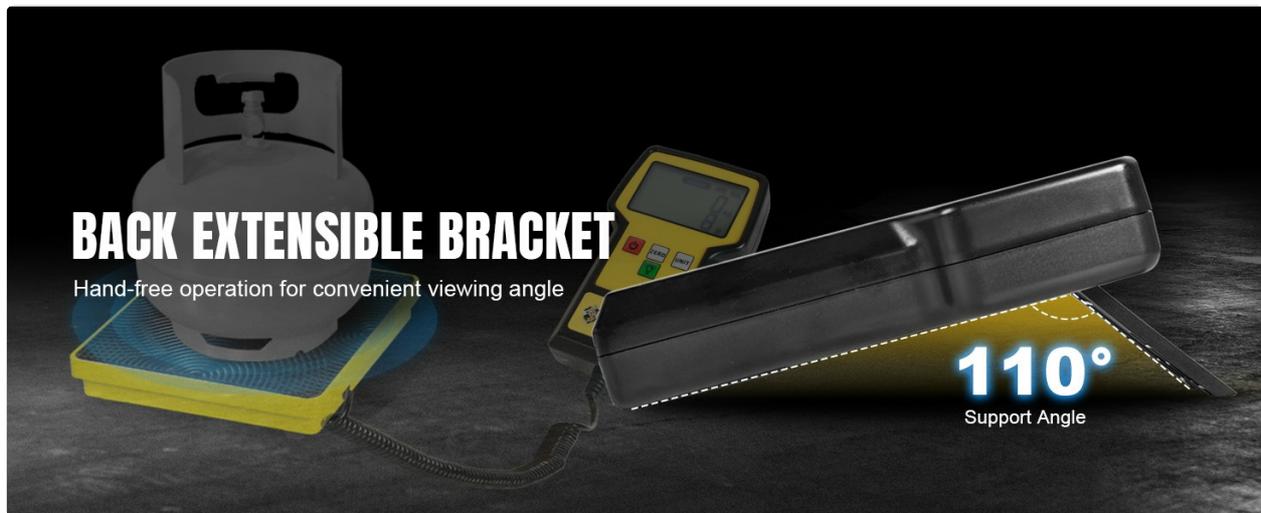


Image 6.1: The extensible bracket allows for hands-free operation and optimal viewing.



Image 6.2: Energy-saving features for backlight and auto shut-off.

7. Maintenance

- **Cleaning:** Wipe the scale platform and remote display with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Replace the 9V battery when the low battery indicator appears on the display. If the scale will not be used for an extended period (e.g., several months), remove the battery to prevent potential leakage and damage to the unit.
- **Storage:** Store the scale and its components in the provided hard carrying case in a dry, cool place, away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
Inaccurate readings	Scale not on a level surface; unstable environment (vibrations); scale not zeroed; exceeding capacity.	Ensure scale is on a stable, level surface. Avoid vibrations. Press ZERO before weighing. Do not exceed 110 lbs.

Problem	Possible Cause	Solution
Display shows "FULL"	Weight on platform exceeds maximum capacity.	Remove excess weight immediately to prevent damage. The maximum capacity is 110 lbs (50 kg).
Scale does not turn on	Dead or incorrectly installed battery; loose cable connection.	Check battery installation and replace if necessary. Ensure the coiled cable is securely connected to both the platform and remote.
Backlight not working	Backlight auto-off feature; low battery.	Press the Backlight button. Hold for 3 seconds for continuous light. Check battery level.



Image 8.1: Overload detection warning on the display.

9. Specifications

Feature	Specification
Model Number	ASRCS-110L
Maximum Capacity	110 lbs (50 kg)
Accuracy	±0.05% readings +5g
Resolution	2g / 0.1oz
Units of Measurement	g, Kg, Oz, Lb
Display Type	Ultra-large LCD with Backlight
Power Source	DV 9V Dry Battery
Battery Life	Up to 40 hours (approx.)
Platform Dimensions	9" x 9" (approx.)
Material	Aluminum Alloy Frame, Rubber Platform
Item Weight	7.88 lbs (3.58 kg)

Feature	Specification
Package Dimensions	17.91 x 12.52 x 2.99 inches
Operating Temperature	14°F - 104°F (-10°C - 40°C)
Storage Temperature	-5°F - 122°F (-20°C - 50°C)

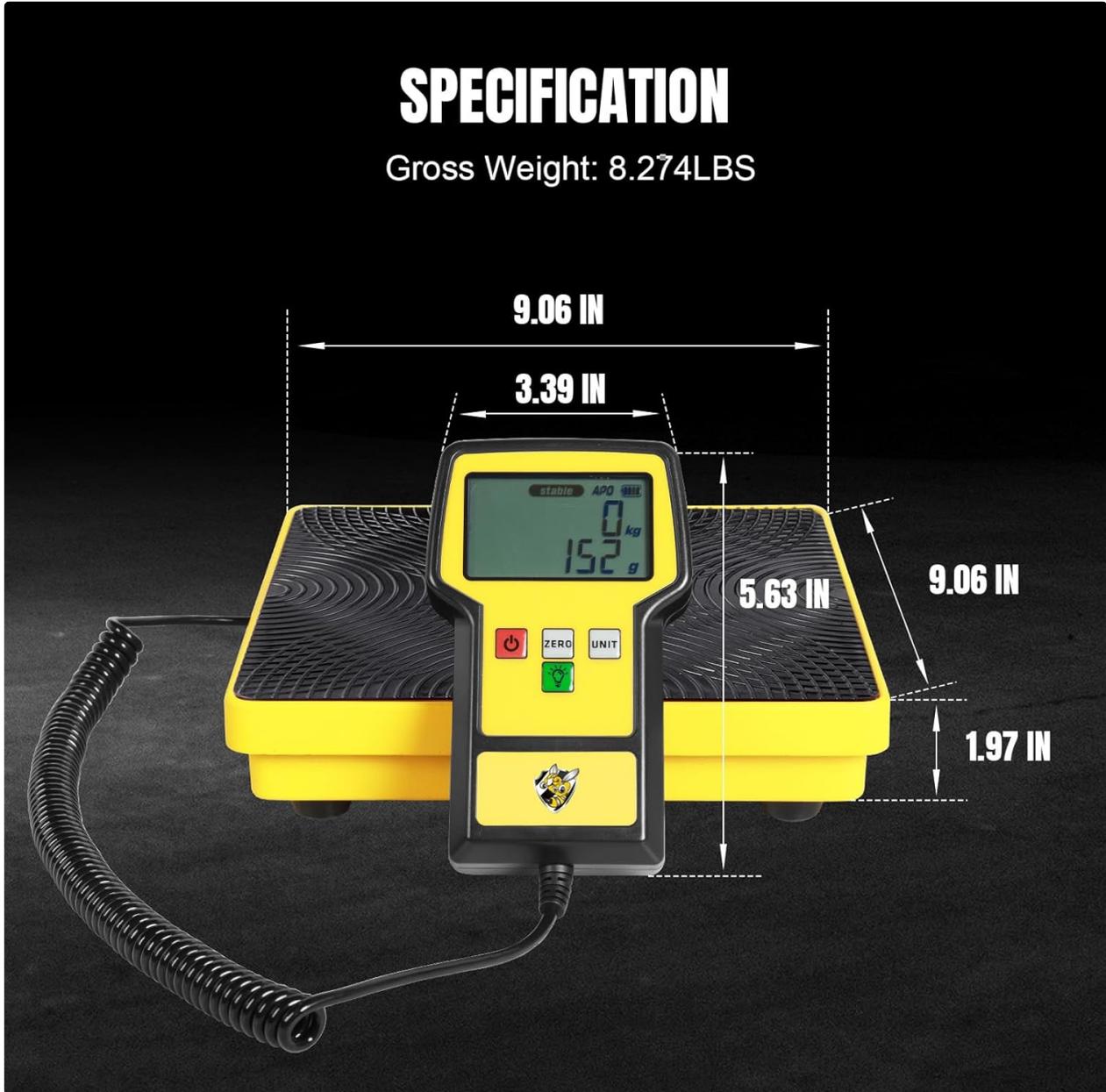


Image 9.1: Detailed dimensions of the refrigerant scale.

10. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact YELLOW JACKET customer service. You can also visit the official YELLOW JACKET store for more information:

[Visit the YELLOW JACKET Store](#)

