

Xetron SRC-400

Xetron SRC-400 Refrigerant Scale User Manual

Electronic Digital Refrigerant Charging Weight Scale

INTRODUCTION

The Xetron SRC-400 Electronic Digital Refrigerant Charging Weight Scale is designed for precise measurement of refrigerant during charging and recovery processes in HVAC and automotive AC systems. This scale offers high accuracy and a robust design for professional use.

PRODUCT FEATURES

- **Ultra-High Precision:** Capable of measuring up to 220 lbs (100 kg) with an accuracy of $\pm 0.05\%$ reading + 0.02 lbs and a resolution of 0.011 lbs (5g).
- **Remote Control Operation:** The scale is powered by a remote control unit, requiring 5 AAA alkaline batteries (not included).
- **Multiple Measurement Units:** Easily switch between Kilograms (Kg), Ounces (Oz), and Pounds (Lb).
- **Compact and Durable Design:** Features a robust and compact design for portability and durability in various working environments.
- **Overload Detection:** The display will show "FULL" and emit an audible beep if the maximum capacity is exceeded.
- **Self-Test Function:** Performs an automatic self-test within 2 seconds of power-on.
- **Automatic Shut-off:** The scale automatically turns off if the weight remains unchanged for 10 minutes to conserve battery life.

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Ultra-High Precision



Max Load: 220lbs/ 100kg



Accuracy: $\pm 0.05\%$ rdg + 0.02lbs



Resolution: 0.01lb/ 5g



Image: The Xetron SRC-400 scale highlighting its precision, maximum load capacity of 220lbs/100kg, accuracy of $\pm 0.05\%$ rdg + 0.02lbs, and resolution of 0.011lb/5g.

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SCALE POWERED BY REMOTE CONTROL WITH AAA ALKALINE BATTERY X5

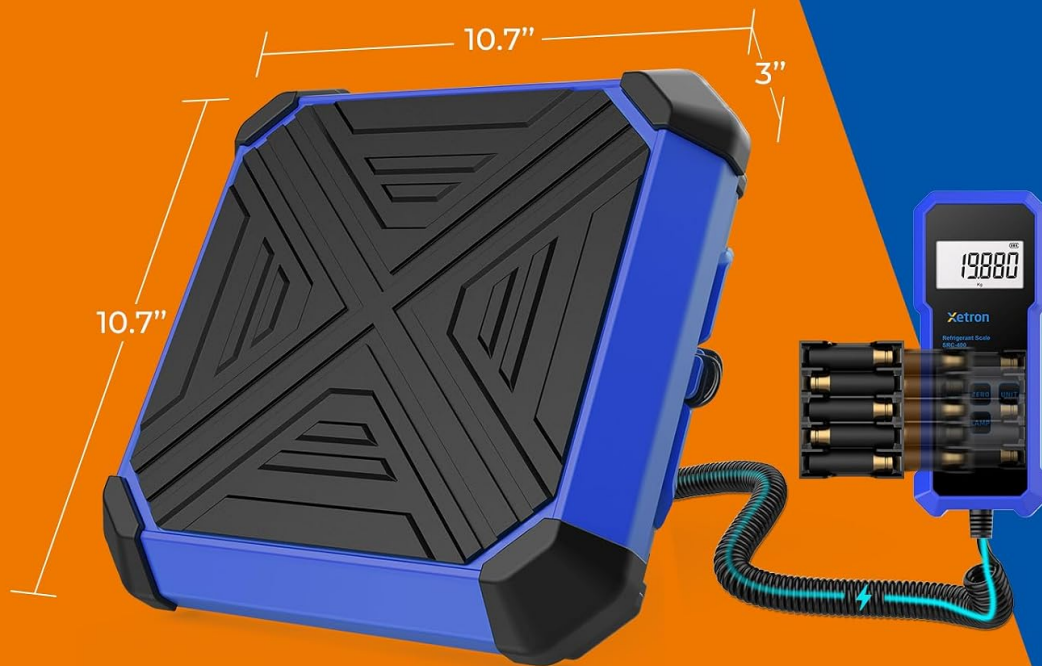


Image: Illustration showing the Xetron SRC-400 scale powered by a remote control unit, indicating the need for 5 AAA alkaline batteries. Dimensions are also shown as 10.7" x 10.7" x 3".

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THREE UNITS OF MEASUREMENT SWITCH

Kg ⇌ Oz ⇌ Lb



Image: The remote control display of the Xetron SRC-400, demonstrating the ability to switch between Kilograms (Kg), Ounces (Oz), and Pounds (Lb) for measurement.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "Packing List" section are present.
2. **Battery Installation:** Open the battery compartment on the back of the remote control unit. Insert 5 new AAA alkaline batteries, ensuring correct polarity. Close the compartment securely.
3. **Placement:** Place the scale platform on a flat, stable, and level surface. Avoid placing it near strong electromagnetic fields or vibrating equipment.
4. **Connecting Remote:** Ensure the coiled cable from the scale platform is securely connected to the remote control unit.

OPERATING INSTRUCTIONS

1. **Power On:** Press the **POWER** button on the remote control unit to turn on the scale. The scale will perform a self-test and display "0.00" when ready.
2. **Unit Selection:** Press the **UNIT** button to cycle through the available measurement units: Kilograms

(Kg), Ounces (Oz), and Pounds (Lb). Select the desired unit before weighing.

3. Zeroing (Tare Function):

- Place the empty refrigerant tank or container on the scale platform.
- Press the **ZERO** button. The display will reset to "0.00", effectively taring the weight of the container.

4. **Weighing:** Once the scale is zeroed with the container, add or remove refrigerant. The display will show the net weight of the refrigerant.

5. **Overload Indication:** If the weight exceeds the maximum capacity (220 lbs / 100 kg), the display will show "FULL" and beep. Remove the excess weight immediately to prevent damage.

6. **Power Off:** Press and hold the **POWER** button to turn off the scale. The scale will also automatically power off after 10 minutes of inactivity.

7. **Display Backlight:** Press the **LAMP** button to turn the display backlight on or off for improved visibility in low-light conditions.

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Overload Detection

Hitting the Max Capacity, it will Display FULL and beep.



Image: The Xetron SRC-400 scale demonstrating its overload detection feature, where the display shows "FULL" and beeps when the maximum capacity is reached.



Self-test within 2 Seconds after Power-on

Automatically off if the Weight Remains Unchanged for 10 Mins



Image: The Xetron SRC-400 scale illustrating its self-test function upon power-on and the automatic shut-off feature after 10 minutes of unchanged weight.

MAINTENANCE

- **Cleaning:** Wipe the scale platform and remote control unit with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the scale in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries from the remote control unit to prevent leakage.
- **Calibration:** The scale is factory calibrated. If you suspect calibration issues, refer to professional service or contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not power on.	Dead or incorrectly installed batteries.	Replace batteries with new AAA alkaline batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
Inaccurate readings.	Scale not on a level surface. Scale overloaded. Strong vibrations or air currents.	Place scale on a stable, level surface. Remove excess weight. Relocate scale to a stable environment.
Display shows "FULL".	Weight exceeds maximum capacity.	Remove the object from the scale immediately.
Display is dim or flickering.	Low battery power.	Replace batteries.

SPECIFICATIONS

- **Model:** SRC-400
- **Maximum Load Capacity:** 220 lbs (100 kg)
- **Accuracy:** $\pm 0.05\%$ of reading + 0.02 lbs
- **Resolution:** 0.011 lbs (5g)
- **Units:** Kg, Oz, Lb
- **Power Source:** 5 x AAA Alkaline Batteries (for remote control)
- **Product Dimensions:** 27.1 x 27.1 x 7.39 cm (approximately 10.7 x 10.7 x 3 inches)
- **Product Weight:** 4.19 kg (approximately 9.24 lbs)
- **Manufacturer:** Jiangsu Jingchuang

PACKING LIST

Please check the contents of your package against the following list:

- Refrigerant Scale (Platform) x 1
- Remote Control Unit x 1
- User Manual x 1
- Heavy Duty Carrying Bag x 1

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PACKING LIST

Freon Scale x1 User Manual x1
Heavy Duty Carrying Bag x1



Image: Contents of the Xetron SRC-400 package, including the refrigerant scale, remote control, user manual, and a heavy-duty carrying bag.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Xetron website. Keep your purchase receipt as proof of purchase.