

Inficon 713202G1

INFICON Wey-TEK Refrigerant Charging Scale

MODEL: 713202G1 - USER MANUAL

1. Introduction

This manual provides comprehensive instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your INFICON Wey-TEK Refrigerant Charging Scale, Model 713202G1. This digital scale is designed for precise measurement of refrigerant during charging and recovery processes in HVAC/R systems. Please read this manual thoroughly before using the device.

2. Safety Information

Always observe the following safety precautions to prevent injury and damage to the equipment:

- Do not exceed the maximum weight capacity of 220 pounds (100 kg).
- Ensure the scale is placed on a stable, level surface before use.
- Keep the scale away from extreme temperatures, moisture, and direct sunlight.
- Do not immerse the scale in water or other liquids.
- Use only the specified power source or batteries.
- Handle refrigerant cylinders with care and follow all industry safety guidelines for refrigerant handling.
- Do not attempt to disassemble or repair the scale yourself. Refer to qualified service personnel.

3. Package Contents

Verify that all items are present in the package:

- INFICON Wey-TEK Refrigerant Charging Scale (Model 713202G1)
- Digital Display Unit
- Connecting Cable
- User Manual
- Carrying Case (if included with your specific kit)

4. Setup

Follow these steps to set up your refrigerant charging scale:

1. **Unpack the Scale:** Carefully remove all components from the packaging.
2. **Place the Platform:** Position the scale platform on a firm, level, and stable surface. Avoid placing it near vibrating machinery or in direct airflow.
3. **Connect the Display:** Connect the digital display unit to the scale platform using the provided cable. Ensure the connection is secure.
4. **Power On:** Insert batteries into the display unit (if battery-powered) or connect the AC adapter (if applicable). Press the 'POWER' button to turn on the scale.
5. **Initial Calibration (Zeroing):** With nothing on the scale platform, press the 'ZERO' or 'TARE' button to set the display to zero. This ensures accurate measurements.



Image 1: The INFICON Wey-TEK Refrigerant Charging Scale, showing the platform and connected digital display unit. Ensure the scale is on a level surface before operation.

5. Operating Instructions

This section details how to use the scale for refrigerant charging and recovery.

5.1 Basic Weighing

1. Turn on the scale by pressing the 'POWER' button.

2. Ensure the display reads '0.00' (or '0.0') before placing any item on the platform. If not, press the 'ZERO' or 'TARE' button.
3. Place the item (e.g., refrigerant cylinder) gently on the center of the scale platform.
4. Read the weight displayed on the digital unit.

5.2 Unit Selection

To change the unit of measurement (e.g., from pounds to kilograms or ounces):

- Press the 'UNIT' button repeatedly until the desired unit (e.g., lbs, kg, oz) is displayed.

5.3 Tare Function

The tare function allows you to weigh an item in a container without including the container's weight.

1. Place the empty container (e.g., refrigerant hose, manifold) on the scale platform.
2. Press the 'TARE' or 'ZERO' button. The display will reset to '0.00'.
3. Add the refrigerant to the container. The display will show only the net weight of the refrigerant.

5.4 Refrigerant Charging/Recovery

For precise refrigerant charging or recovery, use the tare function to monitor the exact amount transferred.

1. Place the refrigerant cylinder on the scale platform.
2. Connect your charging hoses and manifold to the cylinder and the system.
3. Press the 'TARE' button to zero out the weight of the cylinder and hoses.
4. Begin charging or recovering refrigerant. The display will show the amount of refrigerant added to or removed from the system.
5. Monitor the display until the desired charge or recovery amount is reached.

5.5 Auto Shut-Off Feature

The scale is equipped with an auto shut-off feature to conserve battery life. If no weight change or button press occurs for a set period (typically 10-15 minutes), the scale will automatically power off. Press the 'POWER' button to turn it back on.

6. Maintenance

Proper maintenance ensures the longevity and accuracy of your scale.

- **Cleaning:** Wipe the scale platform and display unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure no liquid enters the internal components.
- **Storage:** When not in use, store the scale in its carrying case in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the display shows a low battery indicator, replace the batteries immediately. Refer to the battery compartment for the correct battery type and orientation. Always use fresh batteries of the same type.
- **Calibration:** While the scale is factory calibrated, if you suspect accuracy issues, consult the manufacturer's support for recalibration procedures or service.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Scale does not turn on	Dead batteries; Loose power connection	Replace batteries; Check cable connection to display and platform.
Inaccurate readings	Scale not zeroed; Unstable surface; Overload; Environmental factors (wind, vibration)	Press 'ZERO'/'TARE' before use; Place on a stable, level surface; Do not exceed capacity; Move to a stable environment.
Display shows 'Err' or 'OL'	Overload (weight exceeds capacity)	Remove excess weight immediately. Do not exceed 220 lbs.
Display is dim or flickering	Low batteries	Replace batteries.

If the problem persists after attempting these solutions, contact INFICON customer support.

8. Specifications

Feature	Detail
Model Number	713202G1
Brand	Inficon
Weight Capacity Maximum	220 Pounds (100 kg)
Readout Accuracy	0.25 Ounces (5 grams)
Display Type	Digital
Measurement Types	Ounces, Pounds, Kilograms
Special Feature	Auto Shut Off
Form Factor	Handheld Display, Platform Scale
Material Type	Plastic
Item Weight	12.5 Pounds
UPC	696335216355
ASIN	B00QW2K31G

9. Warranty and Support

The INFICON Wey-TEK Refrigerant Charging Scale, Model 713202G1, is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official INFICON website for detailed warranty terms and conditions.

For technical support, service, or inquiries, please contact INFICON customer service:

- **Website:** www.inficon.com

- **Contact Information:** Refer to the 'Contact Us' section on the official website for phone numbers and email addresses specific to your region.

When contacting support, please have your model number (713202G1) and purchase information readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question