

Professional Refrigerant Electronic Scale

User Manual

Read Carefully Before Use
Keep for Future Reference

Disclaimer

Read this disclaimer completely and carefully before proceeding with the rest of the manual content.

1. **Product Modifications**

Any modifications or alterations to Orion Motor Tech (OMT) products void any warranties and may result in damage or injury. OMT shall not be liable for any damages resulting from such modifications or alterations.

2. **Compliance with Laws**

Customers shall be liable for ensuring that the use of OMT products complies with all applicable laws and regulations in their respective jurisdictions. OMT shall not be responsible for any violations of laws or regulations resulting from the use of OMT products.

3. **Correct Use**

Always use OMT products only as directed in the accompanying manuals. Failure to follow instructions may result in injury or damage.

Always ensure the assembly, installation, operation, maintenance, or repair of OMT products is carried out by a competent person.

Regular maintenance should be performed throughout the lifecycle of OMT products. You are responsible for ensuring the products operate as intended.

Always wear appropriate protective gear.

4. **Third-Party Products**

OMT shall not be liable for any damages or losses resulting from the use of third-party products in conjunction with OMT products. Customers shall refer to the third-party's guidelines and/or warranties (if any) for any third-party products used.

5. **Limitation of Liability**

OMT shall not be liable for any direct, indirect, punitive, incidental, special, or consequential damages to property or life, whatsoever arising out of or connected with the use or misuse of OMT products. In no event shall OMT's liability exceed the value of the products sold.

6. **Warranty**

Refer to the sales page for warranty information.

This disclaimer states the entire obligation of OMT with respect to OMT products. If any part of this disclaimer is determined to be void, invalid, unenforceable, or illegal, including but not limited to the warranty disclaimers, liability disclaimers, and liability limitations set forth above, the invalid or unenforceable provision will be deemed superseded by a valid and enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.



Warning

- **ALWAYS** check that the controller cable is undamaged **BEFORE** each use. If it is damaged, this device should be scrapped or serviced by the manufacturer. Failure to do so may lead to electric shock and personal injury.
- **DO NOT** load an object that weighs over the capacity onto the platform.
- **DO NOT** modify this device's internal circuitry.
- **DO NOT** disassemble the controller or pull on its cable.
- **ALWAYS** keep the controller cable away from water, heat, sharp edges, and moving parts.
- **DO NOT** get any electrical components wet or operate this device with wet hands.
- **DO NOT** rinse **ANY** part of this device.
- If **ANY** electrical component accidentally becomes wet, leave this device disconnected from power **UNTIL** it has **COMPLETELY** dried. If **ANY** malfunction occurs, discontinue use **UNTIL** it is serviced by trained technicians.
- Perform repair or maintenance **ONLY** after removing the battery from the device.
- Use appropriate personal protective equipment (PPE), such as dust masks or goggles, as required by the working environment.
- **DO NOT** use expired or damaged batteries. Replace batteries as needed.
- Dispose of used batteries in accordance with local regulations.



Caution

- **DO NOT** lose the wireless controller.
- This product is **NOT** waterproof. **DO NOT** expose it to water or liquids during use.
- When a container is first placed on the scale, liquid movement may cause the reading to fluctuate. **ALWAYS** wait until the refrigerant stabilizes and the reading becomes steady before proceeding.
- Remove the battery when the device is not in use.
- **DO NOT** place objects on the device when it is idle.
- **DO NOT** use abrasive or corrosive cleaners on any part of the device.
- Servicing must be performed by qualified technicians only.
- Replace parts only with identical, manufacturer-approved components. Contact customer service if assistance is required.

Safety Information



Danger

- This device is **NOT** suitable for people under the age of 18.
- Read these instructions carefully and completely **BEFORE** use, and maintenance. Contact customer service if **ANY** point is confusing or unclear.
- Retain these instructions for future reference and provide them to any user or subsequent owner of this device.
- **ONLY** use this device for its intended purpose, weighing objects and assisting with various maintenance and repair tasks in garages, workshops, and similar environments.
- **ANY** use **NOT** specified herein could potentially damage this device, pose risks, and void **ALL** warranties stated or implied.
- **DO NOT** allow use while under the influence of alcohol, drugs, or any medication that negatively affects your judgment or reflexes.
- **DO NOT** allow use by children, persons whose mental or physical condition precludes safe use, or persons unfamiliar with this product.
- **DO NOT** use or store this device in high temperatures, humid environments, near flammable or combustible materials, or areas with strong electromagnetic fields.
- **DO NOT** install the batteries in reverse. **ALWAYS** follow the correct polarity when installing the batteries.
- **NEVER** expose the batteries to high temperatures to prevent overheating and potential hazards.
- **NEVER** let children handle the batteries. Keep the product out of their reach.
- **DO NOT** charge the included battery, as it is not rechargeable.

Specifications

Max. Capacity		3527 oz 220 lb	100 kg
Accuracy		±0.05%	
Resolution		±1/4 oz	± 5 g
Operating Temperature Range		14-122 °F	- 10 to 50 °C
Platform Size		9.1 × 9.1 in	23 × 23 cm
Power Supply	Scale	9 V Dry Battery (not included)	
	Controller	1500 mAh Lithium Battery	
Weight		3.73 lb	1.69 kg

Operation

Scan the QR code to access detailed installation and operating instructions.



Maintenance

- If the battery level is low, turn off the refrigerant scale and replace it with a new 9V battery.



Warning

- **DO NOT** pull, twist, or bend the power cable excessively to prevent damage.
- **DO NOT** install the battery with the polarity reversed.

- Remove any dust or debris from the scale platform between uses to ensure accurate operation.
- Perform periodic inspection and maintenance to prevent damage to components.
- If the refrigerant scale is not going to be used for an extended period, remove the battery from the controller and store the unit in a cool, dry place away from direct sunlight and out of reach of children.

Disposal



Electrical products should not be disposed of with household products. In the EU and UK, according to the European Directive 2012/19/EU for the disposal of electrical and electronic equipment and its implementation in national laws, used electrical products must be collected separately and disposed of at the collection points provided for this purpose. Locations in Australia, Canada, and the United States may have similar regulations. Contact your local authorities or dealer for disposal and recycling advice.

We care about your experience!

We truly hope our product brings you joy and convenience.
If you have any questions or need assistance, please don't hesitate to reach out.
We're always happy to help!
Simply fill out the form below, take a photo of it (along with any relevant photos or videos if needed), and email it to us. Our service team will respond within 24 hours.

Platform

☐ Amazon ☐ eBay ☐ Walmart ☐ Wayfair ☐ Other: _____ (please specify)

Order Information

Order No.: _____
Product: _____
Purchase Date: _____
Your Name: _____
Email: _____

Subject of Inquiry

Your satisfaction means everything to us :)



support@orionmotortech.com



https://orionmotortech.com/

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.