

# CHARDER



## R220+

WATERPROOF FOOD SERVICE SCALE

USER MANUAL

[www.charder.com](http://www.charder.com)

Please read this manual carefully before operating the device and keep it at hand for future reference.

# CONTENTS

|                               |           |
|-------------------------------|-----------|
| <b>INTRODUCTION</b>           | <b>2</b>  |
| <b>SAFETY PRECAUTIONS</b>     | <b>2</b>  |
| <b>DISPOSAL</b>               | <b>2</b>  |
| <b>LIMITED WARRANTY</b>       | <b>3</b>  |
| <b>MAINTENANCE</b>            | <b>3</b>  |
| <b>PACKAGING</b>              | <b>4</b>  |
| <b>INSTALLATION</b>           | <b>5</b>  |
| <b>OPERATION</b>              | <b>6</b>  |
| <b>ERROR MESSAGES</b>         | <b>7</b>  |
| <b>TROUBLESHOOTING</b>        | <b>7</b>  |
| <b>SETTINGS CONFIGURATION</b> | <b>8</b>  |
| <b>SCALE CALIBRATION</b>      | <b>9</b>  |
| <b>SPECIFICATIONS</b>         | <b>10</b> |

## **R220+ Waterproof Food Service Scale**

### **INTRODUCTION**


This user manual will guide you through the correct operating procedure for the R220+ Waterproof Food Service Scale. Please read this manual thoroughly before operation and keep it at hand for future reference.


**R220+ Waterproof Food Service Scale Maximum Weight Capacity: 3000g**

### **SAFETY PRECAUTIONS**

Please follow these safety precautions:

- ✗ DO NOT insert liquids or foreign object.
- ✗ DO NOT operate the scale in hostile environments.
- ✗ DO NOT drop loads/leave permanent load on the platform.
- ✗ DO NOT place the scale upside down.
- ✗ DO NOT open the scale. Attempts to make repairs might cause injuries.  
Product warranty considered void if this stipulation is ignored.  
The scale must only be repaired by authorized personnel.
- ✓ Verify power adapter input voltage matches the local power supply.

 Risk of explosion can occur if battery is replaced with the wrong type or connected improperly. Do not disassemble, repair or otherwise manipulate the battery socket.

 Obey local laws and regulations on battery disposal.

### **DISPOSAL**

- In conformance with the European Directive 2002/96 EC on Waste Electrical and Electronic Equipment (WEEE), this device may not be disposed of with domestic waste.
- This also applies to countries outside the EU, according to their specific requirements.
- Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment.
- For more detailed information about recycling this product, please contact the local distributor from which you purchased this device.

## **R220+ Waterproof Food Service Scale**

### **LIMITED WARRANTY**

#### **What does the Warranty Cover?**

This scale is warranted from date of purchase against defects of materials or in workmanship for a period of **one (1) Year** from the date of purchase.

#### **Who is Covered?**

The original purchaser of the product must have proof of purchase to receive warranty service. Please keep your invoice or receipt. Charder authorized dealers or retail stores selling Charder products do not have the right to alter or modify or in any way change the terms and conditions of this warranty.

#### **What is Excluded?**

Your warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, abuse including tampering, damage in transit, or unauthorized repair or alternations. Further, the warranty does not cover natural disasters, such as fire, flood, hurricanes and tornadoes. This warranty gives you specific legal rights, and you may also have other rights that vary from country to country, state to state, province to province or jurisdiction to jurisdiction.

### **MAINTENANCE**

- The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. If any inaccuracies occur, please contact your local dealer or service partner.
- Contact authorized Charder service agent in your area.
- Submit your inquiries at Charder Customer Support:  
[www.charder.com/contactus.htm](http://www.charder.com/contactus.htm) or email to [info\\_cec@charder.com.tw](mailto:info_cec@charder.com.tw) for further assistance.

## R220+ Waterproof Food Service Scale

### PACKAGING

#### What's in The Box:



R220+ Waterproof Food Service Scale x1



Power AC Adapter x1



User Manual x1

#### Before Getting Started:

- √ Make sure the scale is placed on a **flat, horizontal** and **steady** surface.
- √ Make sure the scale has been cleared of all weight before turning on.

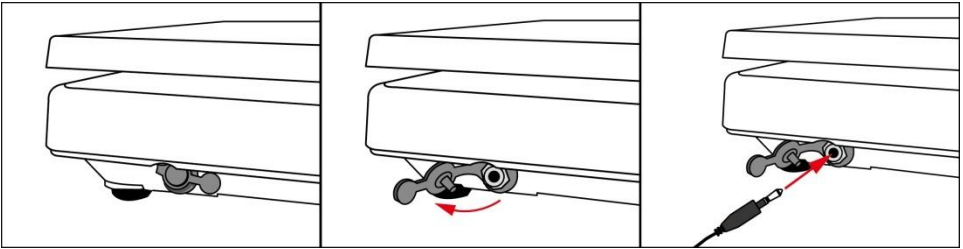
## R220+ Waterproof Food Service Scale

### **INSTALLATION**

#### **Power Supply**

The scale is powered by a rechargeable battery that is charged using the included power adapter.

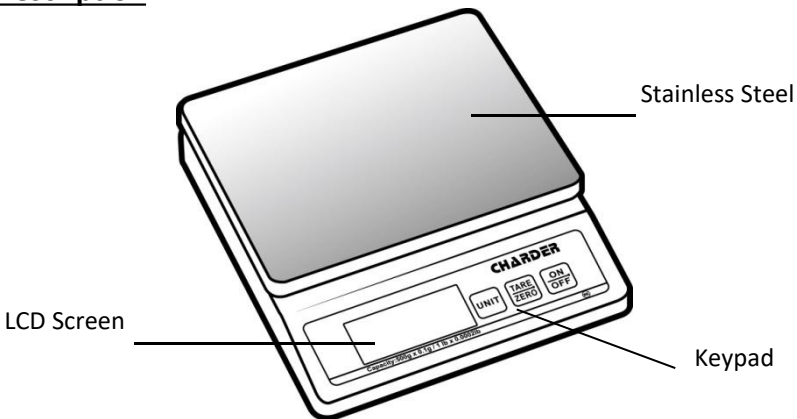
Connect Adapter to mains power before plugging into AC jack on the back of the scale (as shown in the illustration below).



If the adapter is not plugged in, the scale will automatically use battery power.

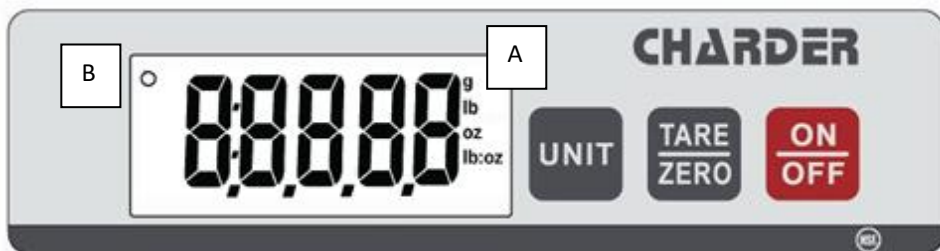
**Note:** When low battery **LoBAt** is displayed, the scale needs to be charged, and will automatically shut off after 30 seconds to avoid damaging the battery.

#### **Parts Description**



## R220+ Waterproof Food Service Scale

### OPERATION



#### Display:

##### **A. g / lb / oz / lb:oz**

This indicator will be turned on to indicate what unit is active.

##### **B. Stability Indicator**

This indicator will be turned on when the weight display is stable.

##### **C. Negative Sign**

This indicator will be turned on when a negative (minus) weight is displayed.

#### Keys:



**ON/OFF:** Press to turn the scale on & off.








**TARE/ZERO:** Press to deduct the weight of an object on the platform (ex: measuring bowl). Press again to reset to zero.



**UNIT:** Press to switch between weighing units.

**R220+ Waterproof Food Service Scale****ERROR MESSAGES**

|   |                     |  |
|---|---------------------|--|
|   | Low battery         | Charge battery using adapter   |
|  | Overload            | Weight on platform exceeds maximum capacity - remove extra weight and try again.                           |
|  | Zero value too low  | Turn scale off and try again. If problem persists, please contact your local Charder distributor.          |
|   | Zero value too high | Remove weight before turning on scale. If problem persists, please contact your local Charder distributor. |
|  | Programming Error   | If problem persists, please contact your local Charder distributor.  |

**TROUBLESHOOTING**

| Symptom  | Possible Cause                              | Solution   |
|--|---|--|
| Scale will not turn on                           | Dead battery                                | Check if scale can be powered when adapter is plugged in. Even if device can still be operated, we still recommend replacing battery |
|  | ON/OFF button malfunction                   | Contact your local Charder distributor for repair  |
| Questionable weight result / scale will not zero | External object interfering with scale      | Remove object interfering with scale   |
|  | Display does not show "0.0" before weighing | Remove weight from platform, press "TARE/ZERO" key and try again.  |



## R220+ Waterproof Food Service Scale

### SETTINGS CONFIGURATION

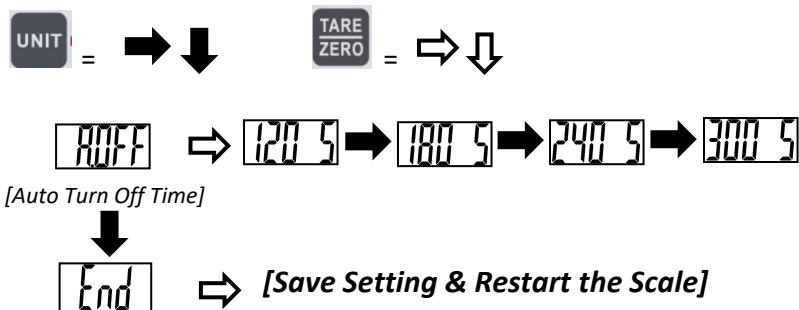
Turn on the scale. Press and hold **TARE/ZERO** key. AOFF will appear on the indicator.

#### Programming the Auto Off Time. (Default: 180S)

With AOFF selected:

1. Press **TARE/ZERO** key to enter Auto-off settings.
2. Press **UNIT** key to toggle through options: *120S, 180S, 240S, 300S, OFF*.
3. Press **TARE/ZERO** key to select.
4. Press **UNIT** key until "End" appears on indicator. Press **TARE/ZERO** key to save settings and restart scale.

**NOTE:** Auto-off option is only activated when the scale is using battery power. If adapter is plugged in, Auto-off will be automatically disabled.



### SCALE CALIBRATION

This scale has been factory calibrated and **does not** require calibration prior to use. If required, the scale can be calibrated.

1. When the scale is off, hold the **ON/OFF** button while pressing the **UNIT** button 3 times.
2. You should have a raw count zero number value on the display for reference only.
3. Press the **UNIT** key to select the unit of weight for this calibration. (recommended: kg)
4. Making sure there is no weight on the platform, press the **TARE/ZERO** key. The display will show "0".
5. Place the 3000g calibration weight on the platform, and press the **TARE/ZERO** key. The display will show Cal, and then your test weight value.
6. The scale will return you to normal weighing mode.

**R220+ Waterproof Food Service Scale****SPECIFICATIONS**

| MODEL                              | R220+   |
|------------------------------------|---|
| Capacity                           | 3000g / 6 lb  |
| Graduation                         | 0.1 g / 0.0002 lb   |
| Power Supply                       | Power Adapter / Rechargeable Battery Pack                   |
| Weighing Units                     | kg / lb / oz / lb:oz  |
| Display                            | 0.8" LCD  |
| Key Function                       | ON/OFF, TARE/ZERO, UNIT                                     |
| Operating Temperature and Humidity | 5°C - 35°C / 41°F - 95°F<br>15% - 85% RH                    |
| Application Mode                   | Weighing, Tare  |
| Construction                       | SUS304 Stainless Steel Platform with ABS plastic bottom     |
| Dimensions                         | 170(W) x 150(D) x 40(H) mm<br>6.7(W) x 5.9(D) x 1.6(H) inch |
| Platform Size                      | 150 x 120 mm<br>5.9 x 4.7 inch                              |
| Device Weight                      | 0.65 kg<br>1.43 lb  |

## NOTES

[illegible]



**Manufacturer's Declaration of Conformity**

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

**Electro Magnetic Compatibility Directive 2014/30/EU**

**FCC CLASS B Declaration of Conformity**

This device complies with the limits for a Class B digital device,  
pursuant to Part 15 of the FCC Rules

Date of Purchase: \_\_\_\_\_

Purchased From: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Remark: \_\_\_\_\_

For Distributor/Retailer Use Only



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