

CHARDER



R220+

WATERPROOF FOOD SERVICE SCALE

USER MANUAL

www.charder.com

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

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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 or email to 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.

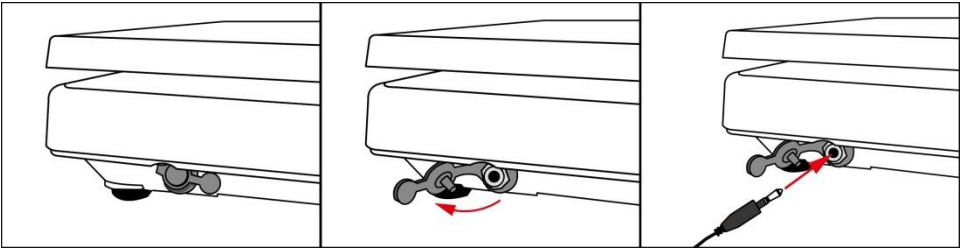
R220+ Waterproof Food Service Scale

INSTALLATION

Power Supply

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

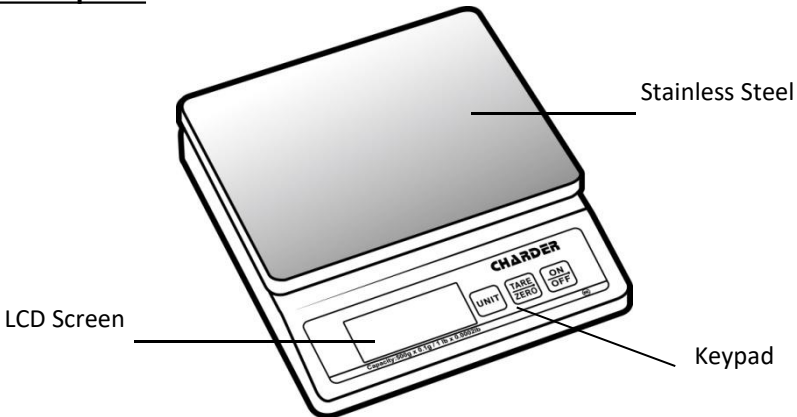
Connect Adapter to mains power before plugging into AC jack on the back of the scale (as shown in the illustration below).



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

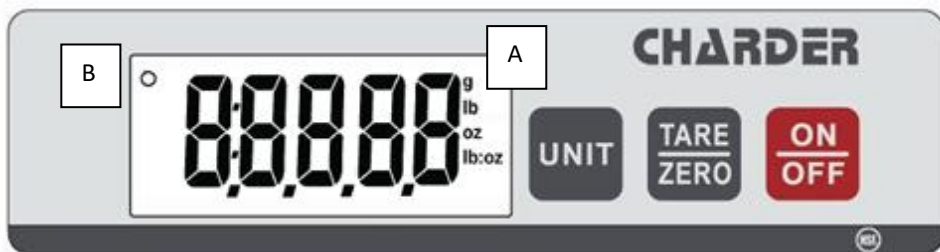
Note: When low battery **LoBAt** is displayed, the scale needs to be charged, and will automatically shut off after 30 seconds to avoid damaging the battery.

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

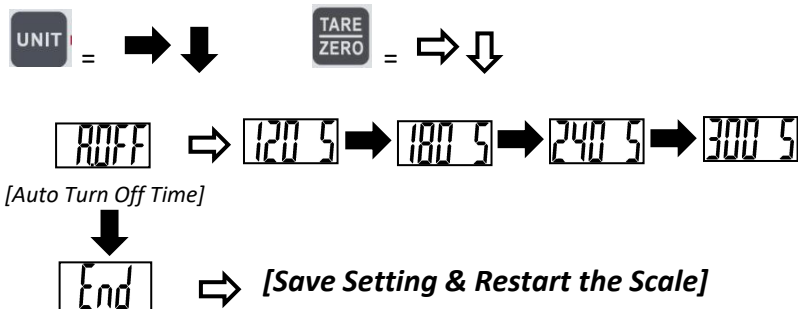
Turn on the scale. Press and hold **TARE/ZERO** key. AOFF will appear on the indicator.

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 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 6.7(W) x 5.9(D) x 1.6(H) inch
Platform Size	150 x 120 mm 5.9 x 4.7 inch
Device Weight	0.65 kg 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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