

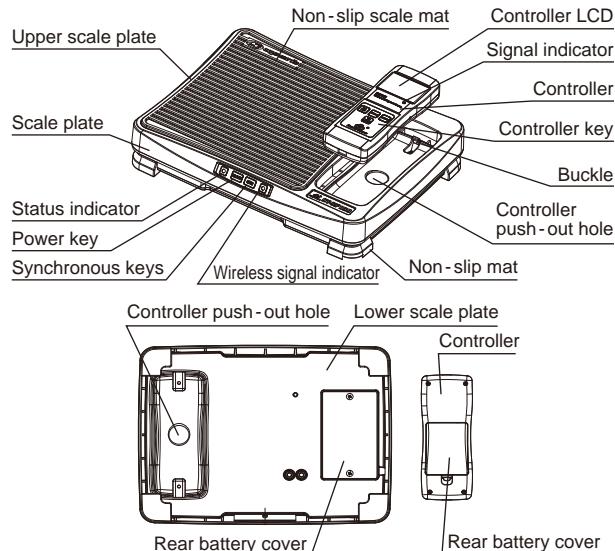
INTRODUCTION

Design, development, production of professional electronic scale for more than 10 years, we have accumulated many years of experience and market test, its product performance and after-sales service has always been refrigeration market praise. With the development of wireless terminal technology, under the support of existing technology, our company researched and developed ST-RF100 wireless electronic scale, so as to better help you in the maintenance and installation of refrigeration system, thank you very much for choosing our products!

PARAMETER

Weight Range	100KG
Resolution	5G, 0.01LB, 0.16OZ
Precision	± 0.05%
Power Supply	Scale Power: 1.5V × 6 (AA) Controller Power: 1.5V × 5 (AAA)
Battery Life	50 Hours Continuous Use
Operate Temperature	-10 ~ 45
Net Weight	4.13kgs
Platform Size	314*239*61mm

STRUCTURE



Products include :

- 1.Carrying case × 1 2.scale plate × 1 3.Controller × 1
- 4.Manual × 1 5.AA × 6 6.AAA × 5

FUNCTION KEY INTRODUCTION



WEIGHING SCALE KEYS



CONTROLLER KEYS

ON/OFF : POWER

SYNC : SYNC

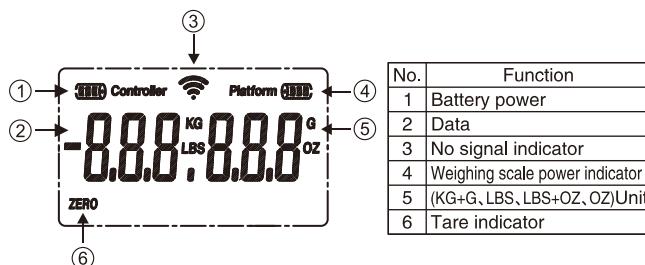
ON/OFF : POWER

ZERO : TARE/ZERO

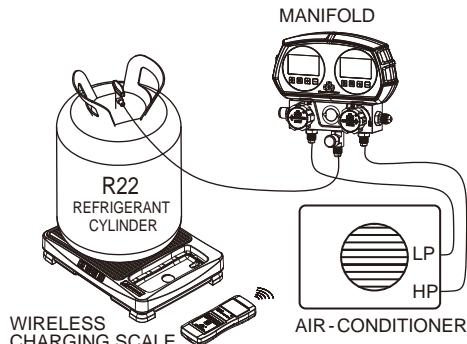
UNITS : UNIT SHIFT

LAMP : BACKGROUND LIGHT

CONTROLLER LCD



REFRIGERANT FILLING CONNECTION DIAGRAM



INTRODUCTION OF THREE COMMON MODES

Weighing mode	Default after starting with functions: weighing, unit switching
Wireless synchronization mode	The controller and scale plate with wireless match
Calibration mode	Recalibration

WEIGHING OPERAITION

Maximum weight 100kg;
Weighing by scale plate with controller or scale plate separately.
(Permanent position in the scale).
1. Open scale plate battery cover, install 6pcs AA battery, open controller battery cover, install 5pcs AAA battery. (note: don't install the positive and negative electrodes);
2. Place the scale on a hard, horizontal platform;
3. Press "ON/OFF" start: the left on/off indicator light flash once, the right sync indicator light flash once, the scale is in the search state right now;
4. Press controller "ON/OFF" start, control instrument will search automatically and connect with scale plate;
5. Press controller "UNITS", switch units KG+G, LBS, LBS+OZ, OZ;
6. Press controller "ZERO", zero clearing;
7. In order to show weight change only, place the refrigerant tank in the center of scale plate. (note: don't put refrigerant tank on controller, avoid affects the accuracy of the weighing).

WIRELESS MATCHING (WHEN SCALE PLATE AND CONTROLLER ARE NOT MATCHED)

- Turn on the "ON/OFF" of controller, then make the matching mode as belows:
After starting, press synchronous keys "UNITS" + "ZERO" for seconds until "-SYNC-" appears on screen. Then press "UNITS" to search the scale plate, while the signal indicator flashing of controller;
- Turn on the "ON/OFF" of scale plate, then make the matching mode as belows:
Press "SYNC" for 2 seconds, enter "wireless synchronization mode", while the Wireless signal indicator will be steady on;
- When controller and scale plate are both in matching mode, the system automatically completes the matching;
- When system is successfully matched:
The scale plate will automatically exit the "matching mode"; The controller will also automatically exit the "matching mode", when the screen shows "-SUCC-".

THE CALIBRATION OPERATION (WHEN THERE IS DEVIATION IN WEIGHING)

- Turn on the controller with "ON/OFF", then make the calibration mode as belows:
After starting, press synchronous keys "ZERO" + "UNITS" for seconds until "1-SYNC" appears on screen. Then stop synchronous keys, press "ZERO" when "2-ADJ-" appears on display, then press "UNITS" for confirmation;
- After the controller enter into "calibration mode", "FIND---" will appear on screen while the signal indicator flashing;
- Turn on the scale plate, when receiving the signal from the controller, the scale plate will automatically enter into calibration mode;
- Keep the scale free of load:
When in calibration mode, the controller picks up the weight of the scale and displays the data on the screen. If any data display on screen, please press "ZERO" to reset.
- Put a standard 60kg weight on the scale plate, keep it stable, when the numerical value turn into stable status, then press "UNITS" to save the calibration value;
- After the data is saved, system will automatically exit the "calibration mode";
- When out of calibration mode, move away the weight, then press "ZERO" of controller to reset.

Note1: When in calibration mode, make sure the controller enter into the calibration mode first, then turn on the scale plate.

Note2: Calibration can be performed only after the match is successful.