

2. Press  to stop and cancel charging.
3. During the charging, if the cylinder is empty, press the  and change the refrigerant cylinder, after changing the cylinder, press the  to continue.

Repacking the Scale:

1. If extended, restore the easel to the retracted position.
2. Replace the Scale into the carrying case.

Over Range Indication:

If the weight applied to the weighing platform exceeds the maximum weight capacity (220 lbs). 'OL' will be displayed in the middle of the display. To prevent damage, immediately remove the weight from the platform.

Enclosed:

1. Refrigerant Charging Scale
2. 5 PCS 1.5V 'AA' alkaline batteries
3. 1 charging hose
4. 1 user's guide
5. 1 blow mould case

Warranty:

This Scale is warranted to perform as stated in FJC literature for a period of 1 year from date of purchase. As we cannot control the use of this Scale, the warranty shall not exceed the purchase price. We make no other warranty of any kind expressed or implied. This Scale is warranted to be free from defects in material and workmanship for a period of one year from date of purchase. A copy of the original invoice must be returned with the Scale or warranty is void. FJC's sole obligation under this warranty shall be to repair or replace any defective part or parts thereof, which are returned to our factory. The warranty shall not apply to any Scale, which has been subject to misuse, negligence or accident. This includes the failure to provide the proper maintenance. FJC, Inc shall not be responsible for any special or consequential damages and the warranty as set forth is in lieu of all other warranties either expressed or implied.



Digital Charging Scale User's Guide

Part # 2845

Features:

- ◆ High-visibility LCD display
- ◆ Measures weight in kgs & lbs
- ◆ Rugged, compact design
- ◆ The unit will turn off automatically after 15 minutes of non-use
- ◆ High accuracy and resolution
- ◆ Programmable



FJC, Inc.

Mail to:
P O Box 499
Mt. Mourne, NC 28123

Ship to:
101 Commercial Dr.
Mooresville, NC 28115

704-664-3587
www.fjcinc.com

Introduction:

Thank you for purchasing the FJC electronic refrigerant programmable charging scale. It is ideal for Mobile A/C, HVAC and refrigeration service. FJC Part # 2845 can weigh in both metric and English units. The scale is programmable, and has a built-in alarm to indicate a programmed threshold has been exceeded.

Specifications:

Max Weight Capacity:	100 kgs (220 lbs)
Accuracy	+/- 1/2 oz or .5% of total weight, which ever is greater
Resolution	5g 0.010 lbs 0.1 oz/2g 0.005lbs 0.1oz
Power	5x1.5V 'AA' alkaline batteries (7.5VDC)
Battery life	60 hours continuous use
Operation temperature	10°C-50°C (50F-122F)
Weight	2.74 kg(6.03 lbs)
Dimensions	23.2cm x 23.2cm x 5.8cm

NOTE:

To prevent damage, never exceed the max weight capacity of 220 lbs.

Take Scale out of case before using.

8. Read the weight on the display.
9. Turn off by pressing  for 2 seconds.
10. To conserve battery life, the scale will automatically turn off after 15 minutes of inactivity, unless it is currently running a program (see programming section). The last operation of the scale will be restored upon power-up.

Refrigerant charging operation:

1. Unpack the scale as described in the “unpacking section”. - **Take out of case before using.**
2. Install the batteries into the control box as described in the “battery installation section”.
3. Place the weighing platform on a firm, level surface.
4. Connect one end of charging hose to “INLET” and the other end to the refrigerant tank.
5. Connect the yellow manifold hose to “OUTLET”.
6. Turn on by pressing . To select the resolution 2G or 5G by pressing the button .
7. Select the proper measurement units by repeatedly pressing . The units will cycle as follows:
kg.g ↔ lb.oz ↔ lbs ↔ oz.
8. Place the refrigerant tank on the center of platform and open refrigerant tank valve.
9. Press  to set charge amount.
 - (1) If charge amount is less than 1 KG, press  or  repeatedly.
Press  to start charging.
 - (2) If charge amount is more than 1 KG, press  and press  or  repeatedly.
Press  to start charging.
10. When the charging is complete, the valve will automatically shut off the refrigerant flow and the alarm will sound for 6 seconds.

NOTE:

1. Press  to pause charging

Unpacking the Scale:

1. Remove the scale from the carrying case.
2. When using the scale, ensure the coiled cord does not touch the top of weighing platform, or inaccuracies may result.
3. If desired, extend the easel at the top back of the control box by pulling it out. The easel may be used straight for hanging, or folded at an angle for resting on a level surface.

Battery installation & replacement:

1. Remove the battery cover from the rear of the control box by compressing tab at the base of the battery cover.
2. If necessary, remove old set of batteries.
3. Insert 5 'AA' batteries. Replace battery cover by aligning tabs and snapping back into place.

IMPORTANT:

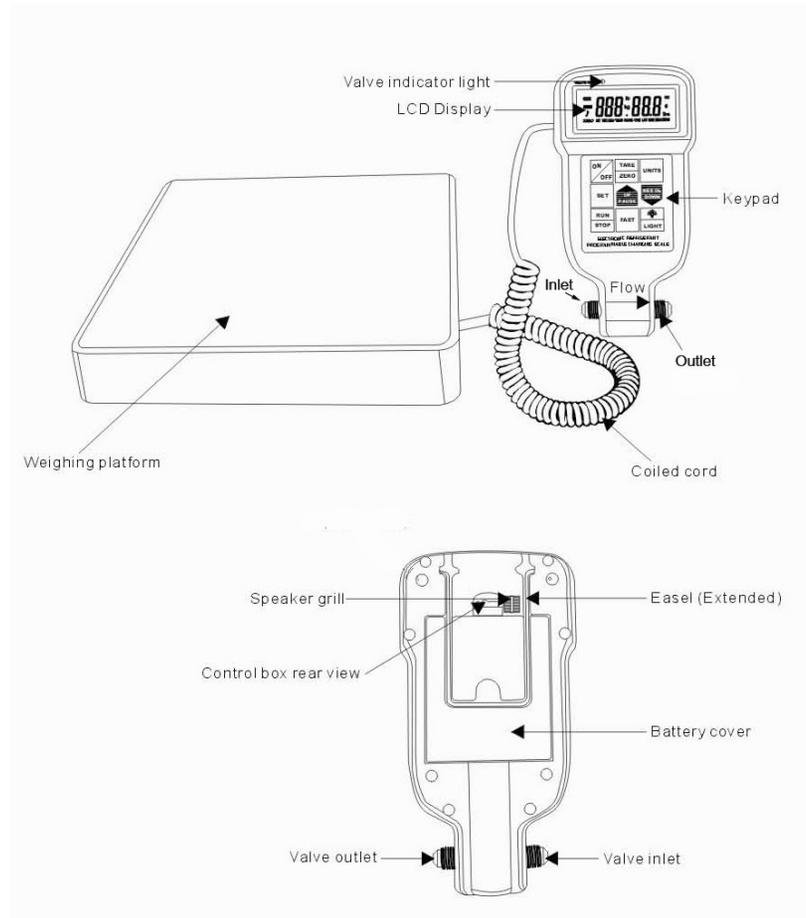
To prevent damage to the scale, carefully observe battery polarity as marked inside the battery compartment. Do not leave dead batteries inside the control box. Remove batteries if the scale is not to be used for an extended period of time.

Basic Weighing Operation:

To operate the scale as a basic weight scale, perform the following steps:

1. Unpack the scale as described in the “unpacking section”. - **Take out of case before using.**
2. Install the batteries into the control box as described in the “battery installation” section.
3. Place the weighing platform on a firm, level surface.
4. Turn on by pressing .
5. Select the proper measurement units by repeatedly pressing . The units will cycle as follows:
kg.g ↔ lb.oz ↔ lbs ↔ oz.
6. Press  to “zero-out” the scale. The display will read zero.
7. Place weight on center of scale platform.

Parts Diagram:

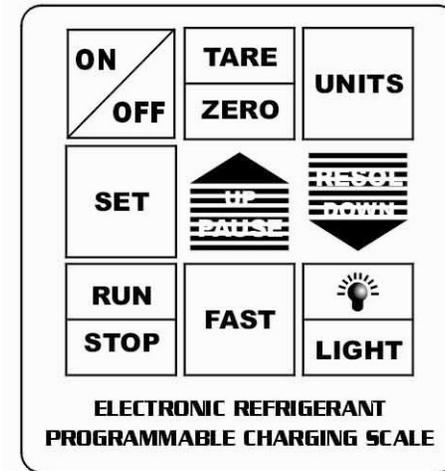


LCD Display:



Item	Function
①	Main numeric display
②	Valve indicator light (ON/OFF)
③	Battery level indicator
④	"Floating" Negative indicator (Indicates weight removed from cylinder)
⑤	Display "TARE/ZERO"
⑥	Indicate units for LB and OZ
⑦	Indicate units for KG and G
⑧	Indicate units for LBS
⑨	Programable weight set
⑩	Run mode indicator
⑪	Hold mode indicator
⑫	Valve Open/Close
⑬	Set resolution 2G(High)/5G(Low)

Key Pad:



	Press to Power on. Press and keep 2 seconds to power off
	Press "TARE/ZERO" current reading on display
	Metric/Imperial measurements
	Press "Set" to start Program amount
	Press to increase setting charging amount or pause when charging
	Press to reduce setting charging amount/Switch 2G or 5G resolution.
	Press to select digit and press "UP/PAUSE" and "RESOL/DOWN" to change volume.
	Activates/Deactivates stored program. Check if electromagnetic valve work naturally.
	LCD background lamp.