

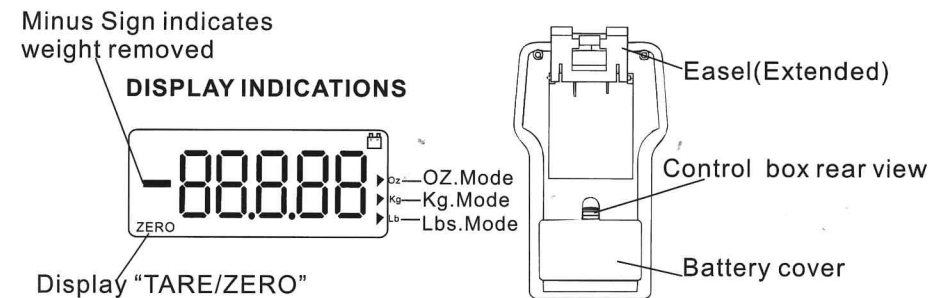
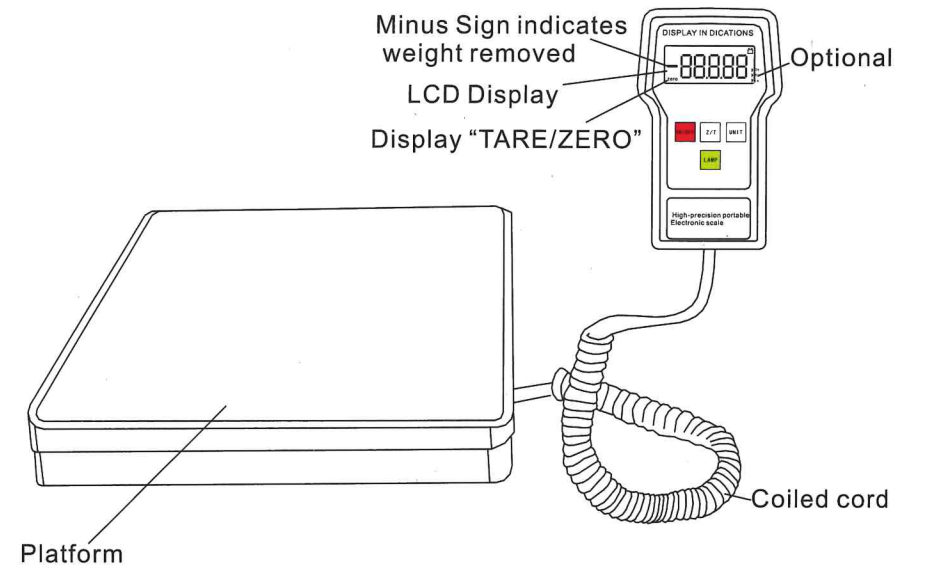
## Introduction

Digital Refrigerant Scale utilize the most technologically advanced refrigerant meter today and are ideal for HVAC and refrigeration systems. The weight can be measured in standard or metric units. The units have a built in alarm to indicate the measurement has been exceeded.

## Features

- 1.High-visibility LCD display.
- 2.Three units of measure options(kg/oz/lbs).
- 3.Backlight for the display.
- 4.Automatic Shut-off after 10 minutes of non-use; backlight will shut off after 3 minutes of non-use or use.
- 5.Compact, portable, battery operated design.
- 6.“FULL” display when the weight exceeds the specified range.

## Unit Diagram



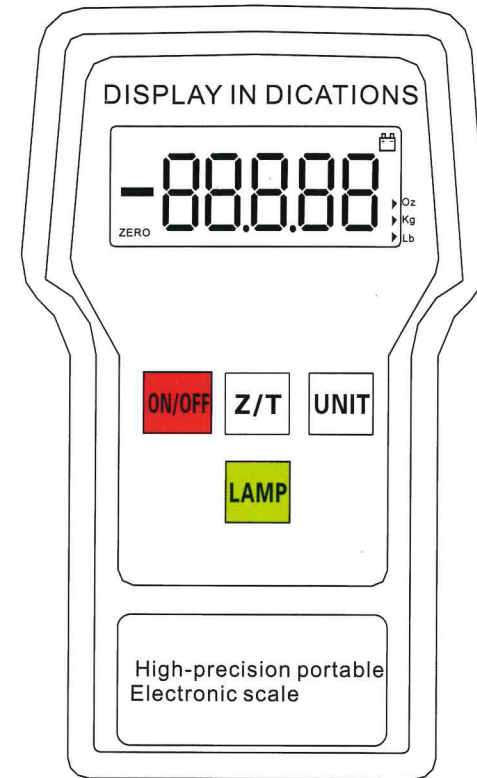
## SET-UP

1. Place the unit on a firm and level surface. The platform and control box can be used in the case or they can be used outside of the case.
2. Remove the battery cover from the rear of the control box by compressing the tab at the base of the battery cover.
3. Insert 9V battery. Replace the battery cover by aligning tabs and snap back into place.
4. Turn the unit power on by pressing the **ON/OFF** button.
5. Select the unit of measure by pressing the **UNIT** button.  
(kg/lbs/oz)
6. Press the **LAMP** button to activate the backlight. press the **LAMP** button again to deactivate the backlight.

**NOTE:** To prevent damage to the unit do not leave dead batteries in the control box. Remove the batteries if the units will not be used for an extended period of time.

**CAUTION:** If the platform is used in the case, make certain nothing touches the case, control box or platform as false readings may occur.

## Keypad



- ON/OFF** ON/OFF: Press to power on. press to power off
- UNIT** UNIT: Select unit of measure: LBS/KG/OZ
- Z/T** ZERO: ZERO display
- LAMP** LAMP: Backlight

## Operation

1. Set up the unit as described in steps 1-5 under the Set Up heading.
2. Press the ☐ Z/T button to clear the unit. Ensure to start the unit at 0.
3. Place the cylinder in the center of the platform.
4. Start the charging or recovery operation by opening the cylinder and manifold and gauge set valves.
5. When operation is completed, close the cylinder and manifold and gauge set valves.

NOTE: The unit have an Over Range Indicator which displays "FULL" when the weight of the cylinder exceeds the maximum capacity of the unit. To prevent damage to the unit, immediately remove the cylinder from the platform if the display states "FULL".

6. Remove the cylinder from the platform and press the button to deactivate the unit

## Weight Measurements:

1. Turn the unit on by pressing the ☐ ON/OFF button.
2. Press the ☐ UNIT button to choose the type of unit of measure. (KG/LBS/OZ)
3. Press the ☐ Z/T button to zero out the display.
4. Place the weighing object in the center of the platform and the gross weight will display.
5. Remove weighing object from scale and press ☐ ON/OFF button to turn off the unit.

## Maintenance

1. Immediately remove the weighing object from the platform if the display states "FULL". This is the over range indicator which means the weight has exceeded the maximum capacity of the platform.
2. Replace the battery of the unit if the battery indicator flashes in the top right hand corner of the control box.

## Specifications

Capacity:	<input type="checkbox"/> 110lbs/50kg	<input type="checkbox"/> 154lbs/70kg
		<input type="checkbox"/> 200lbs/90kg
		<input type="checkbox"/> 220lbs/100kg
Resolution:	+/-0. 1oz/0. 005lbs/2g	+/-0. 2oz/0. 01lbs/5g
Operating temperature range:	32°F to 122°F (0~50°C)	32°F to 122°F (0~50°C)
Storage temperature range:	-4°F to 158°F (-20~70°C)	-4°F to 158°F (-20~70°C)
Accuracy:	+/-0. 5% of reading	+/-0. 5% of reading
Platform size:	23cm*23cm	23cm*23cm
Total unit weight:	3.3kg	3.3kg

**NOTE:** To prevent damage, never exceed the rated capacity of the unit.