



# ATD-3637 ELECTRONIC REFRIGERANT SCALE OPERATING INSTRUCTIONS

## WARNING

 Wear Safety Goggles

**STATIC DISCHARGE:** Climates in some parts of the world are conducive to creating static electric build up (ESD). Your scale has been designed to eliminate the damaging effects of ESD. In some extreme cases, ESD will be apparent on your scale by a lack of response or an inability to turn off the unit. In the rare case that this occurs, simply disconnect the battery, wait 1 minute and reconnect the battery. The scale will “reboot” itself and operate normally once the unit is turned on.

## KEY FUNCTIONS

**ON:** Turns unit ON  
**OFF:** Turns unit OFF  
**UNIT:** Select readout in lb, kg or lb - oz  
**ZERO/TARE:** Zeros out display in CHARGING/RECOVERY

## CHECKLIST (Prior to 1st Use)

Your unit includes a 9V battery. Install battery. Place the platform on a flat surface and press **ON** button to turn unit on. The scale will begin counting up from 111111 to 999999 and then will display 0.000.

\*If the digital readout displays a small weight ( $\pm 5$  Ounce or  $\pm 20$  Grams) press the **ZERO/TARE** button. The scale will automatically zero out. Proceed to CHARGING/RECOVERY.

## CHARGING

1. Remove platform from case.
2. Place platform on level surface.
3. Place DOT tank in center of platform and connect to liquid port.  
(Place disposable tank upside down).
4. Make sure the charging lines and the system are free of air using deep vacuum pump. (Follow vacuum instructions)
5. Press **ON** button to turn unit on.
6. Press **ZERO/TARE** button – display will read zero.
7. Open the valve to begin charging.
8. When the desired amount is reached, close the valve.
9. Press **OFF** button to turn unit off.

## RECOVERY

1. Remove platform from case.
2. Place platform on level surface.
3. Place DOT tank in center of platform and connect to vapor port.  
Follow DOT instructions to make sure:
  - The type of refrigerant being recovered is the same as what is in the DOT tank.
  - The total weight of the DOT tank minus (-) the tare weight times (x) 0.8 is more than what you are going to recover.
4. Connect the other end of the hose to the recovery machine.
5. Press the **ON** button to turn the unit on.
6. Press the **ZERO/TARE** button. The display will read zero.
7. Open the valve to begin recovery.
8. When recovery is finished, close the valve and observe the amount of recovery.
9. Press the **OFF** button to turn the unit off.

## SPECIFICATIONS

- Capacity: 243 lbs (110 kgs)
- Accuracy: [ $\pm 6$  gr (0.16 oz) /  $\pm 0.01$  lb /  $\pm 0.01$  Kg] or 0.1% of reading whichever is greater
- Resolution: 0.05 lb/0.4 oz (0.01 kg)
- Automatic Shut-Off: after 15 minutes of operation without any change of weight
- Operating temperature: 32°F to 120°F (0°C to 49°C)
- Battery life: Approximately 60 hrs

## REPLACING THE BATTERY

Replace the 9V battery when the display begins to flicker. DO NOT OPERATE with a low battery.

