



Air Conditioning Products
Tools, Equipment & Refrigerant

Part # 2850

Pro-Charge Heavy Duty Electronic Refrigerant Scale

Operating Instructions

INSTRUCTIONS FOR PRO-CHARGE ELECTRONIC SCALE

1. Remove scale from plastic case and place scale on a hard, flat, level surface.
2. Press GREEN "ON" button on keypad located on handheld controller.
Unit will count down from 777777 to 000000 during self-diagnostic check.
NO WEIGHT should be on the scales during this process.
3. Choose weight unit to be displayed: lb oz. (pounds and ounces), kg (kilograms) or lb (pounds 0.000) by pressing BLUE "UNIT" button on keypad.
4. Place cylinder on scale platform. Wait for numbers on display to become stable.
5. Charge A/C system. (See charging A/C system below)
6. To turn off, press RED "OFF" button on keypad. Unit will automatically turn off in 15 minutes if not used.

CHARGING THE AIR CONDITIONING SYSTEM

There are 2 ways to charge an A/C system with the Pro-Charge Electronic Scale.

Charging Using the "ZERO (TARE)" Button:

1. Place cylinder on scale platform. Wait for numbers on display to become stable.
2. Press "ZERO (TARE)" button on keypad located on hand held controller. This will zero out the display.
3. As the system is being charged and refrigerant is being removed from the cylinder, the numbers on the display will show how much refrigerant has been charged.

EXAMPLE: -3.25 lbs. = 3.25 lbs of refrigerant used

Charging Not Using the "ZERO (TARE)" Button:

1. Place cylinder on scale platform. Wait for numbers on display to become stable.
2. Subtract the weight of refrigerant needed for the charge from the weight of the refrigerant cylinder on the scale.
3. Begin charging. Stop charging when the lower number is displayed. The system is now charged to the amount desired.

EXAMPLE:

- A. The weight of the refrigerant cylinder is 25.0 lbs (shown on the scale display)
- B. The amount of refrigerant needed for the vehicle is 3.75 lb.
- C. Subtract 3.75 lb from 25.0 lb = 21.25 lb.
- D. Start the charging process. Stop when the scale display reads 21.25 lb.