

Operating Instructions


Certified Refrigerant Scale


OIML Certificate N°R76/1992-NL 1-04.08 Revision 1
EC type-approval certificate Number T6472 revision 1



KEY FUNCTIONS

- ON/OFF:** Turns unit ON or OFF
- UNIT/SHIFT:** UNIT – select readout in lb, oz or kg
SHIFT – move from one digit to the next, to edit display
SHIFT – to set up tank capacity
- TARE/ENTER:** TARE – zeros out display in BASIC CHARGING
ENTER – to start operation or input data

 ----- To increase value

 ----- To decrease value

CHARGE/PAUSE: CHARGE – to start CHARGE/RECOVERY mode
PAUSE – to pause and resume in CHARGE/RECOVERY mode

REPEAT: REPEAT – to repeat the last action

ZERO/CLEAR: Use to zero out the display if the weight is less than 2% of the scale capacity
(See Checklist below)

CHECKLIST (Prior to 1st Use)

Your unit includes a 9V battery. Install battery. Place the platform on a flat surface and press **ON/OFF** button to turn unit on. The scale will begin counting down from **999999** to **000000!** (**DO NOT PRESS CLEAR** while the unit is counting down).

* The weight must be more than 2% of the total capacity of the scale, (10gr) in order to get a readout on the display. Press **ZERO/CLEAR** and place a heavier weight on the platform.



Proceed to **BASIC** or **PROGRAMMED CHARGING**.



BASIC 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/OFF** button to turn unit on.
6. Press **TARE/ENTER** button – display will read zero.
7. Open the valve to begin charging.
8. When the desired amount is reached, close the valve.
9. Press **ON/OFF** button to turn unit off.

PROGRAMMED CHARGING

1. Repeat steps (1 through 5) in **BASIC CHARGING**.
2. Press **CHARGE/PAUSE** button.
3. Set amount of refrigerant you want to charge using **CLEAR**, ,  and **SHIFT** buttons.
4. Press **ENTER** to start.
5. Open the valve on the tank to begin charging. Just before charging is completed, a short alarm will sound, allowing time to turn off supply.
6. When charging is completed, scale will sound an alarm again and display **CH/END**. Press any button to stop alarm. (*If the tank is empty and the charge is not complete, press the CHARGE/PAUSE button, replace the tank and press CHARGE/PAUSE again to resume charging*).
7. When the desired amount is reached, close the valve and press **ON/OFF** button to turn unit off.

This unit is **preprogrammed** for minimum and maximum cylinder weight 0 oz / 240 lbs (0 kg / 110 kgs).

* **To change cylinder weight setting, refer to INSTRUCTIONS FOR SETTING TANK CAPACITIES.**





REPEAT CHARGING

1. Press **REPEAT** to start charging the previously stored amount.
2. Open the valve.
3. When desired amount is reached, close the valve and press **ON/OFF** to turn unit off. (*If scale was turned off, follow steps (1 through 5) of BASIC CHARGING, then follow the REPEAT CHARGING steps*).

RECOVERY / RECYCLE

1. Repeat steps (1 through 7) in **BASIC CHARGING**.
2. Begin recycling.
3. The display indicates the amount of collected refrigerant when recycling is completed.

INSTRUCTIONS FOR SETTING TANK CAPACITY

1. Turn on the unit.
2. Select readout using **UNIT/SHIFT**.
3. Press **UNIT/SHIFT** again and hold down until the last digit in display "blinks".
4. Use **CLEAR**, ,  and **SHIFT** to input the empty tank weight.
5. Press **ENTER** to set the empty tank weight. The display will read "GOOD" to confirm.
6. Use **CLEAR**, ,  and **SHIFT** to input full tank weight.
7. Press **ENTER** to set the full tank weight. The display will read "GOOD - OUT" to confirm.
8. Press **ON/OFF** button to turn unit off.

IDENTIFICATION OF THE CERTIFIED TYPE

Type : 98211-A

50 kg ≤ Max ≤ 100 kg

e ≥ 50 g

n ≤ 1000 divisions

Temperature range 5°C / 35°C

R76 Edition 1992 for accuracy class 

BATTERY REPLACEMENT

Replace 9V battery when a low-battery symbol prompts on LCD.
DO NOT OPERATE with a low battery.