

Operating Instructions

Certified Refrigerant Scale

OIML Certificate N°R76/1992-NL 1-04.08 Revision 1
EC type-approval certificate Number T6472 revision 4



KEY FUNCTIONS

ON/OFF: Turns unit ON or OFF

UNIT/SHIFT: UNIT – readout in 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 **111111!** (**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 kg / 50 g.

* 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 x 50 g

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.

 **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov