OPERATING INSTRUCTIONS

CERTIFIED ELECTRONIC CHARGING SCALE with Bluetooth® Wireless Technology   **98211-B**

WARNING
Wear Safety Goggles
Avoid Contact with Refrigerant

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.

OPERATING INSTRUCTIONS

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 / To set up tank capacity

To Increase Value

To Decrease Value

CHARGE/PAUSE: CHARGE - To start CHARGE/RECOVERY mode

PAUSE - To pause and resume in CHARGE/RECOVERY mode

TARE/ENTER: TARE - zeros out display in BASIC CHARGING

ENTER - to start operation or input data

REPEAT: REPEAT - to repeat the last action

CLEAR/ZERO: ZERO - Long press to zero out the display if the weight is less than 2% of the scale capacity. (See check list below)

CLEAR - Press to perform CLEAR function in charging or recovery.

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 display full text > software version > HELLO > maximum capacity and division 110.050 > weight.

* The weight must be more than minimum capacity of the scale.

Proceed to BASIC or PROGRAMMED CHARGING.

BASIC CHARGING

1. Remove platform from case.

2. Place platform on level surface.

3. Press **ON/OFF** button to turn unit on.

4. Place DOT tank in center of platform and connect to liquid port. (Place disposable tank upside down).

5. Make sure the charging lines and the system are free of air using deep vacuum pump. (Follow vacuum instructions)

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.

PROGRAM 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, scale will stop automatically and display E-PTY, replace the tank and

press CHARGE/PAUSE 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 of 0 kg / 110 kg.

• 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.

SPECIFICATIONS

• Accuracy class: lll

• Maximum capacity: 110 kg

• Minimum capacity: 400 g

• Resolution: 20 g to 55 kg, 50g to 110kg

• Temperature range: 0˚ to 40˚C

• Power supply voltage: 9 V battery

• Optional power supply: 9V DC plug in power supply
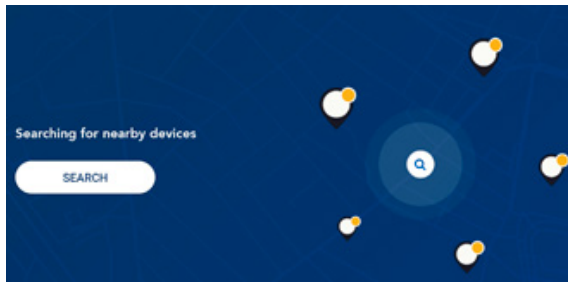
• Automatic shut off: 3 hours

REPLACING THE BATTERY

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

USING THE ELECTRONIC CHARGING SCALE AND THE MASTERCOOL CONNECT APP

1. Download the Mastercool Connect app to a hand-held smart device from the Apple App Store or Google Play Store.

2. Press the power key on the digital scale keypad to turn on the device.

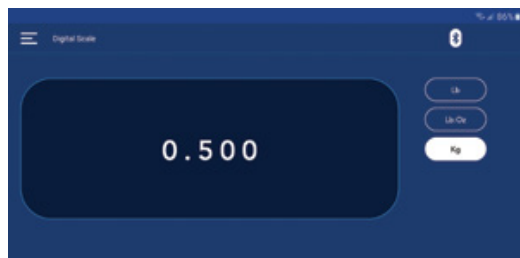3. Launch the Mastercool Connect app on the mobile device.

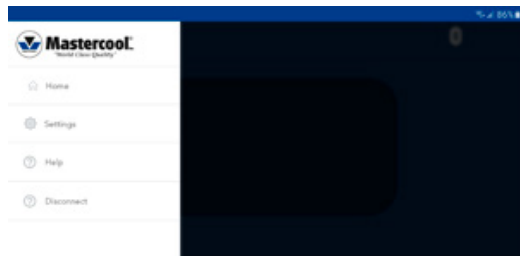4. Touch "SEARCH" on the Mastercool Connect app.

5. From the list of available devices, pick the digital scale. The digital scale should be listed as Raytac AT-UART.

6. Once the digital scale and the Mastercool Connect app are both linked the app will display what the digital scale is measuring in the selected unit.

7. To access the app options click on the main menu icon (☰) and the app options will be displayed.

8. To disconnect the app from the device open the main menu and hit disconnect.

NOTE: Incompatibility issues may arise due to changes passed down from Apple® and Android™ platforms. Mastercool will continually monitor and update our app software. Please contact us with any connectivity issues. Mastercool will not warranty claims based on app incompatibilities.

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