

Charging Scale Operating Instructions

Introduction

CS-V SERIES, Programmable refrigerant charging scales are used for refrigerant charging, recovery & weighing of commercial A/C, refrigeratory systems.

Slot-in programming module (with incorporated solenoid valve)

Portable carrying case with 230mm x 230mm platform. High-visibility LCD display, larger sensor and higher accuracy. More professional, reliable and stable!

Scale Frame Drawing



Operation Instructions

1. Install the battery into the control box.
2. Remove scale from case and place on a firm, level surface.
3. Attach your charging hose according to generally accepted HVAC practices. Connect one end of the charging hose to the dry filter to refrigerant "INLET" valve and the other end to refrigerant tank.
4. Connect one end of charging hose to refrigerant "OUTLET" valve and the other end to either the manifold gauge or auto A/C system.
5. Turn on the charging scale on by pressing **ON/OFF** key.
6. Press the **LAMP** key to adjust the backlight between 2 illumination levels plus "off".
7. To select the resolution 2 g or 5 g by pressing the button **RESOL**.
8. Use the **UNIT SHIFT** key to choose between Kilograms (Kg) or Pounds (Lbs) or OZ, the units will cycle as follows: kg.g \longleftrightarrow LBS \longleftrightarrow LB.OZ \longleftrightarrow OZ
9. Place the refrigerant tank on the center of platform, open refrigerant tank valve, weight display on the screen. Bleed air from your hose, and press the **TARE/ZERO** key to zero out the scale. A positive number on LCD display indicates the applied weight is greater than the zero value, A negative number on LCD display indicates the applied weight is less than zero value. When charging refrigerants, Refrigerants charge will be displayed in negative numbers.
10. Press **SET** key to set weight, press **FAST** key to select the digit and press **RESOL** or **HOLD** key

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to change volume. Once the weight is set well, press **RUN/STOP** key to start charging work.

11. When finished refrigerant charging, the valve will shut itself off automatically and alarm.

12. Turn off the charging scale off by pressing **ON/OFF** key and keep pushing about 2 seconds.

NOTE:

1. Press **HOLD** key If you wanna pause the charging work.
2. Press **RUN/STOP** Key if you wanna stop and cancel charging work.

IMPORTANT:

1. To prevent damage to the charging scale, Do not leave dead batteries inside the control box. Remove batteries if the charging scale is not to be used for an extender period of time.
2. do not place a cylinder over largest weight which scale can measure as damage may occur to the scale! If the weight applied to the weighing platform exceeds the maximum capacity of charging scale, immediately remove the weight from the platform.

Specification

Model	CS-50V	CS-100V
Capacity	110LB/50KGS	220LB/100KGS
Unit Shift	LB/KG/OZ	LB/KG/OZ
Accuracy	0.05% of reading	0.05% of reading
Resolution	2g or 5g	2g or 5g
Display	Large LCD, 67x 25mm	Large LCD, 67x 25mm
Lamp	2 illumination levels plus "off"	2 illumination levels plus "off"
Platform	230 x 230mm	230 x 230mm
Weight	4.5 kg	4.5kg
Power	9V battery included	9V battery included
Operation Temp.	-4°F to 156°F /-10°C to 50°C	-4°F to 156°F /-10°C to 50°C
Programmable	Yes	Yes

Application

