Programmable Charging Scale



(features, cont.)

 Read minus (-) mode to zero the display after placing the tank on the platform, and accurately meter refrigerant going into the system.

Bubble level indicator on scale platform promotes proper setup

Industrial load cell for improved accu-0.1 Ounce / 0.01 Pound / 0.01 Kilogram Resolution

Automatic "Hold" if refrigerant flow

"Hold" mode allows for mid-charge cylinder changes

Accurately meters charges from 1 ounce to 100 pounds

 Low battery indicator on LCD. Removable platform and electronics for more flexible use



Owner's Manual

Models 68801, 68803, 68811, 68813

Features

- Heavy duty platform and over sized strain gauge bridge for rigidity, accuracy and repeatability.
 AC adapter powers the solenoid to extend battery life
- 0.5" LCD with bold dark numbers for easy reading even in well-lighted area.
- Overload protection: "OL" message on LCD. Plus mechanical protection against extreme overload.

Water and environmental resistance with sealed LCD display and membrane switch keypad on control modu



- Do not overload scales
- Set loads carefully in center of platform

WARRANTY

Many factors beyond the control of Ritchie Engicontrol of Nictrole Engi-neering Company, Inc. can affect the use and performance of the prod-ucts in this catalog. It is essential that the user evaluate any product in this catalog to determine the suitability of that prodthe suitability of mat product for a specific applica-tion. Using any product in a way that is not accepted as common practice can result in injury. All prod-ucts are for use as de-scribed only. See full warranty on our dealer. warranty on our dealer and wholesale price

IOT LEGAL FOR TRADE

- To weigh an item

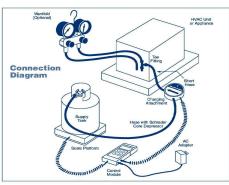
 1. Place the scale case (or the platform alone) on a flat rigid surface and remove the control module from the scale case. Use the "bubble level" on the scale platform to confirm that the unit is level.

 2. Press the CNVOFF button to burn the scale on or press the TARE button if the scale is already on. After a short time, the display will tend zuro. Press the UNITS button to change to the desired readout units.

 4. When finished, press the ONVOFF button to turn the control module off.

Weighing recovered or charged refrigerants (without charging attachment)

- Place the scale case (or the platform alone) on a flat rigid surface and remove the control module from the scale case. Use the "Dubble level" on the scale platform to confirm that the unit is level.
 Carefully place oplinder onto the center of the scale platform. Be careful not to drop the cylinder onto the scale.
 Connect all the hoses, manifold, etc. and purge the lines as necessary.
 Press the ONOFF button to turn on and zero out the control module or press the TARE button if the unit is
- - arready on. 5. <u>Charging:</u> The weight displayed on the control module will be a negative number to indicate the amount of gas that has been charged into the system <u>-OR-Recovery:</u> The weight displayed on the control module will show the weight of the ness which has been added to the cylinder on the scale.



Module not charging?

Before you call, try these simple trouble-shooting steps



Using the charging attachment

- Place the scale case (or the platform alone) on a flat rigid surface within four feet of the system port to be charged and remove the control module from the scale case. Use the bubble level on the scale platform to confirm unit is level.

 Connect a power pack to the control module (Charging solenoid will not function without AC convert.)

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 Connect the charging module cord to the control module.

 Carefully place cylinder onto the center of the scale platform.

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 The provider of the control of the charging module (indicated by the head of the refrigerant flow arrow) with a short length of hose to the cylinder on the scale. The hose used must have a mechanism for depressing the Schrader valve on the input port of the charging module.

 Purge the hose from the tank to the charging module port.

 Check the system, all connections, and all valves to ensure system is ready to charge. Press the ONOFF button to turn on the control module.

 Use the UNITS key to select the desired display units.

 Press the CNOFF button to the enter charging mode. To get out of the charging mode at any time, press that TARE button or the ONOFF button.

 Enter the desired charge weight by using the UP and DOWN buttons. The data entry mode.

- 11. Press the CHARGE button to enter charging mode. To get out of the charging mode at any time, press the TARGE button to the ONOFF button.

 12. Enter the desired charge weight by using the ONOFF button.

 13. Enter the desired charge weight by using the ONOFF button.

 14. Enter the desired charge weight by using the ONOFF button.

 15. What is the desired charge weight by using the ONOFF button.

 16. What is the one of the display by the flashing the one of the one of

110 Pound (50 kg) Specifications

Capacity: 110 lbs. (50 kg)
Accuracy: ±0.5 cz. Or 0.1% of reading, ±0.03 lb. whichever is ±0.015 kg greater

Weight of scale: 9 lbs. (4.1 kg)
Case Size: 15.5% x12.25% x 2.25%

(394 x 311 x 83 mm) Platform size: 9" x 9" (228 mm x 228 mm) Charging Accuracy: Scale accuracy ± 0.25 ounces (7 grams)

Charge weight range: 1 oz. to 100 lbs.

Common to both:

tactile metal domes

Components: Industrial grade
Solenoid Orifice Size: 1/16"

220 Pound (100 kg) Specifications:

Zapacity: 220 lbs (100 kg)
Accuracy: ±1.0 oz. Or 0.1% of ±0.06 lb. | reading, whichever ±0.00 kg | greater
Weight of scale: 12.4 lbs. (5.6 kg)
Case Size: 18.0 v. 13.0" x 4.2" v. 106 mm)
Platform size: 1.13" x 11.3" (287 x 287 mm)
Charging Accuracy: 5.0 ale accuracy ±0.5 ounces (14 grams)
Charge weight range: 2 oz. to 200 lbs.

Operation method: Oversized strain gauge bridge Operating temp: 32°F to 152°F (0° to 50°)
Storage temp: 4°F to 158°F (-20° to 70°)
Battery: 25 hours (continuous use approx.)
Battery: 9V alkaline
Solenoid Pressure Rating: 400 psi MOPD (maximum operating pressure differential)

