

tif 9010 Electronic Charging Scale

Operating Instructions

CAUTION: MAKE CERTAIN THAT THE CYLINDER DOES NOT TOUCH THE CASE OR CONTROLS AND THAT NOTHING TOUCHES THE PLATFORM, ESPECIALLY THE CORD TO THE CONTROL BOX; OTHERWISE FALSE READINGS MAY OCCUR.

SET-UP

1. Remove the control box from the case, in order to provide clearance.
2. Select the desired unit of measure and switch the unit on by pushing the power switch up for kilograms or down for pounds.
3. Carefully place refrigerant cylinder in the center of the platform.
4. Connect the refrigerant cylinder to a charging manifold via utility hose if charging refrigerant or to a recovery machine if filling the cylinder.

OPERATION

1. Press and hold the **ZERO** switch until display reads zero.
2. Purge or evacuate air from hoses prior to beginning. Open refrigerant tank valve and manifold valve(s) or turn on recovery unit; refrigerant will begin to flow and the display will count up, indicating the weight being removed (if charging) or added (if recovering).
3. Monitor the display; when desired charge or maximum allowable fill is reached close cylinder valve, manifold valves and/or switch off recovery unit.
4. When operation has been completed, turn the unit off by pushing the power switch to the OFF (center) position. Close cylinder valve, disconnect hose(s) and store.

WARNING: THE MAXIMUM GROSS WEIGHT THAT CAN SAFELY BE PLACED ON THIS METER IS 75 POUNDS OR 34 KILOGRAMS. ADDITION OF EXCESS WEIGHT WILL PERMANENTLY DAMAGE THE UNIT.

WEIGHT MEASUREMENTS

1. The unit may be used strictly as a weigh scale.
2. Select the desired unit of measure and switch the unit on by moving the power switch up for kilograms or down for pounds, after a brief segment display (all 8's) the unit should read zero.
3. Carefully place the object (e.g. cylinder) that is to be weighed directly in the center of the platform.
4. Gross weight will be displayed.
5. When weighing has been completed, turn the unit off by moving power switch to the OFF (center) position.

This feature is especially useful when recovering, to calculate the amount of refrigerant in a tank. Subtract the 'Tare' weight (marked on cylinder) from the displayed amount to find the quantity of refrigerant in the cylinder.

BATTERY INSTALLATION

The display will begin to flash on and off when the battery needs replacing.

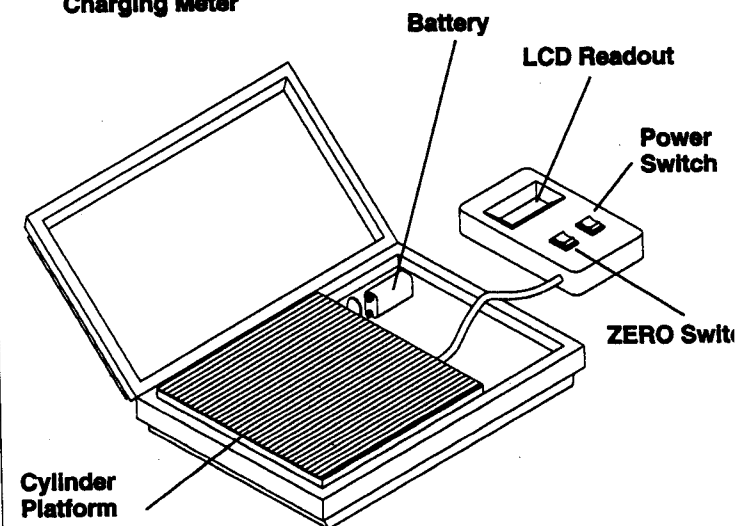
1. Remove the battery from the case.
2. Disconnect the battery from the battery clip.
3. Attach a new 9V alkaline battery.
4. Replace new battery into case.

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Diagram of the TIF9010
Charging Meter



SPECIFICATIONS

Max. Weight:	75 Lbs or 34 kg
Resolution:	1/2 oz or .01 kg
Accuracy:	+/- 2% of reading or 1/2 oz., whichever is greater
Power Supply:	One 9V alkaline battery
Battery Life:	70 hrs (approx.)
Operating Temperature:	32° F to 120° F
Weight:	4 Lbs.
Dimensions:	13" x 9" x 2"

TIF Warranty and Repair Policy

This instrument has been produced to provide unlimited service. Should it become inoperative after the user has performed recommended maintenance, no repair or replacement will be made by the original purchaser. This applies to all units that have not been damaged, tampered with. The claim must be made within one year of the date of purchase. For repair of your instrument, return it to: TIF Instruments, Inc., 9101 N.W. 7th Ave., Miami, FL 33150.

An additional 90 day warranty will cover the repaired or replaced unit. If you have questions or need technical assistance, please call us at our toll free number with a Customer Service representative.

**FOR ADDED CLEARANCE WHEN USING LARGE CYLINDERS REMOVE LID AS FOLLOWS:
POSITION CASE LID PERPENDICULAR TO BASE, LIFT UP ON LEFT SIDE OF LID AND PULL LID OFF.**

