



# TIF9010C Certified Weight 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. Place the unit on a firm and level surface.
2. Adjust the unit to level by using the provided tool to turn the four (4) recessed adjustment screws. Monitor the sight level in center of platform (see Detail in Fig.).
3. Remove the control box from the case, in order to provide clearance.
4. Switch the unit on by pushing the **ON/OFF** key.
5. Select the desired unit of measure by pressing **LBS/KG** key (International models operate in **KG ONLY**).
6. If the display does not show zero and the **▶0◀** enunciator, press the **ZERO** key until the **▶0◀** enunciator appears.

### OPERATION

1. Carefully place refrigerant cylinder in the center of the platform.
2. Connect the refrigerant cylinder to a charging manifold via utility hose if charging refrigerant or to a recovery machine if filling the cylinder.
3. Open refrigerant tank valve and purge air from hoses.
4. Press the **GROSS/NET** key, the display will change to 0.0 (zero) and the "NET" enunciator will appear on the display.
5. Open manifold valve(s) or turn on recovery unit; refrigerant will begin to flow and the display will indicate the weight being removed (if charging) or added (if recovering). A minus sign (-) will appear if the weight is being removed.
6. The **MOTION** enunciator will appear whenever weight is being added or removed. The **ZERO** and **GROSS/NET** keys are disabled when the **MOTION** enunciator is on.
7. Monitor the display; when desired charge or maximum allowable fill is reached, close the cylinder valve, manifold valves and/or switch off the recovery unit.
8. When operation has been completed, turn the unit off by pushing the **ON/OFF** Key and holding for 5 seconds. Close cylinder valve, disconnect hose(s) and store.

### WEIGHT MEASUREMENTS

1. The unit may be used strictly as a weigh scale.
2. Follow steps 1 through 6 in Set-Up.
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.

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 **BAT** enunciator will appear when the battery needs replacing (below 7.5v). If the battery is very low, the display may read "----". Replace battery in order to resume operation.

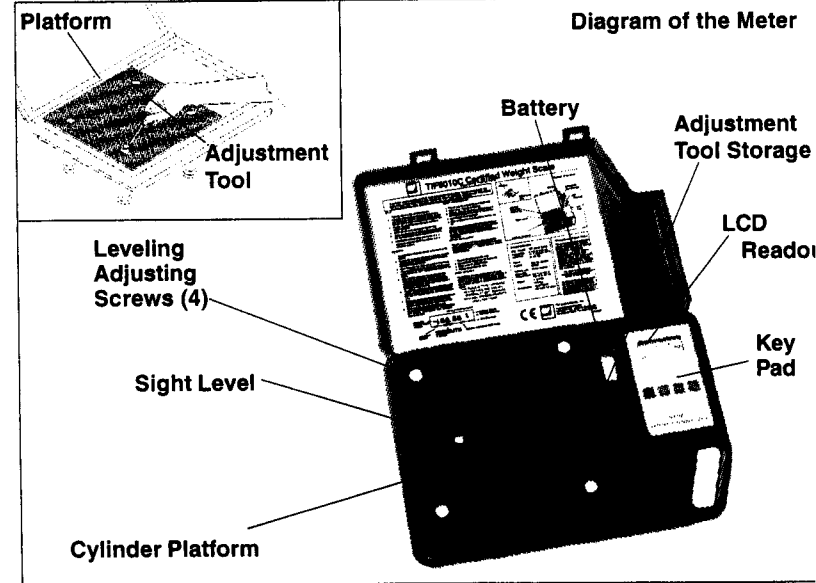
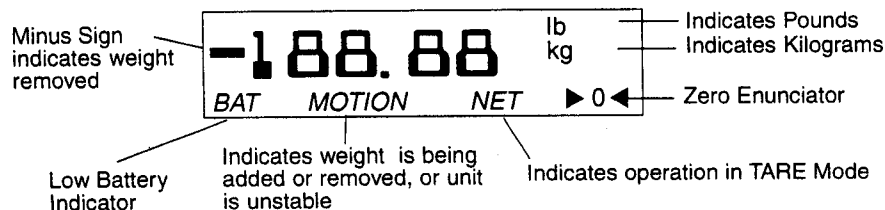
1. Remove the battery from the case.
2. Disconnect the battery from the battery clip.
3. Attach a new 9V alkaline battery.
4. Replace new battery into case.

### ERROR MESSAGES

The TIF9010C contains sophisticated self check circuitry to ensure proper operation and calibration. If "ER-#" appears (where "#" represents any number from 0-9), the unit must be returned to the factory for service.

THIS SCALE IS "TYPE" APPROVED TO NTEP (USA) AND OIML (EU, APPROVAL # T5327, COMPLIES WITH OIML R76 REQUIREMENTS).  
**LEGAL FOR TRADE.**

### DISPLAY INDICATIONS



### SPECIFICATIONS

**Max. Weight:** 100 Lbs or 50 kg  
**Resolution:** 0.1 lb or 0.05 kg  
**Accuracy:** +/- 1 division (0.1lb or .05 kg)  
**Power Supply:** One 9V alkaline battery  
**Battery Life:** 20 hrs (approx.)  
**Operating Temperature:** 50° F to 104° F (10° C to 40° C)  
**Weight:** ≈ 8.4 lbs (3.8 kg)  
**Dimensions:** 15.5x10.5x3" (39.4x26.7x7.6cm)

### Warranty and Repair Policy

This instrument has been produced provide unlimited service. Should it become inoperative after the user has performed the recommended maintenance a no charge repair or replacement will be made to the original purchaser. This applies to a repairable units that have not been damaged or tampered with. The claim must be made within one year of the date of purchase.

**For repair or return of your instrument, please call Customer Service at 1-800-327-5060 .**

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



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