



# TIF9030 Compact Refrigerant Scale

**CAUTION: MAKE CERTAIN THAT THE CYLINDER DOES NOT TOUCH THE CASE OR CONTROLS AND THAT NOTHING TOUCHES THE PLATFORM; OTHERWISE FALSE READINGS MAY OCCUR.**

## SET-UP

1. Place the unit on a firm and level surface.
2. Switch the unit on by pushing the "ON/OFF" button.
3. Select the desired unit of measure by pressing and releasing the "UNITS" button.  
3 scales are available  
Lbs./oz (0 Lbs. 0. oz.)  
Decimal Pounds (0.00 Lbs.)  
Kilograms (0.00 kg)

## 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 recovering refrigerant.
3. Open refrigerant tank valve and purge air from hoses.
4. Press the ZERO button, the display will change to zero.
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. 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.
7. When operation has been completed, turn the unit off by pushing the ON/OFF button. 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 3 in Set-Up.
3. Press the "ZERO" button, the display will change to zero.
4. Carefully place the object (e.g. cylinder) that is to be weighed directly in the center of the platform.
5. Gross weight will be displayed.
6. 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.

## OVERRANGE INDICATION

If the Gross Weight applied to the platform exceeds the specified range, the unit will display a single 1 at the left of the display.

## BATTERY INSTALLATION

The BATTERY enunciator will appear when the battery needs replacing. "▷◁" on display indicates battery voltage insufficient for operation. Replace battery in order to resume operation.

1. Remove the battery by removing the battery cover located on the back of the box.
2. Disconnect the battery from the battery clip.
3. Attach a new 9V alkaline battery.
4. Replace new battery and cover.

## SPECIFICATIONS

Range: 0Lbs.0.oz. to 199 Lbs. 15.oz. or 0.00Lbs. to 199.99Lbs. or 0.00kg to 100.00kg

Resolution: 0.5 oz./ 0.02 Lbs./0.01kg

Accuracy: +/- 0.5% of reading +/- 1 digit

Power Supply: One 9V alkaline battery

Battery Life: 20 hrs (approx.)

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Weight: 5.2 lbs (2.36 kg)

Dimensions: 12 x 17 x 2.25" (30.48 x 43.18 x 5.71 cm)

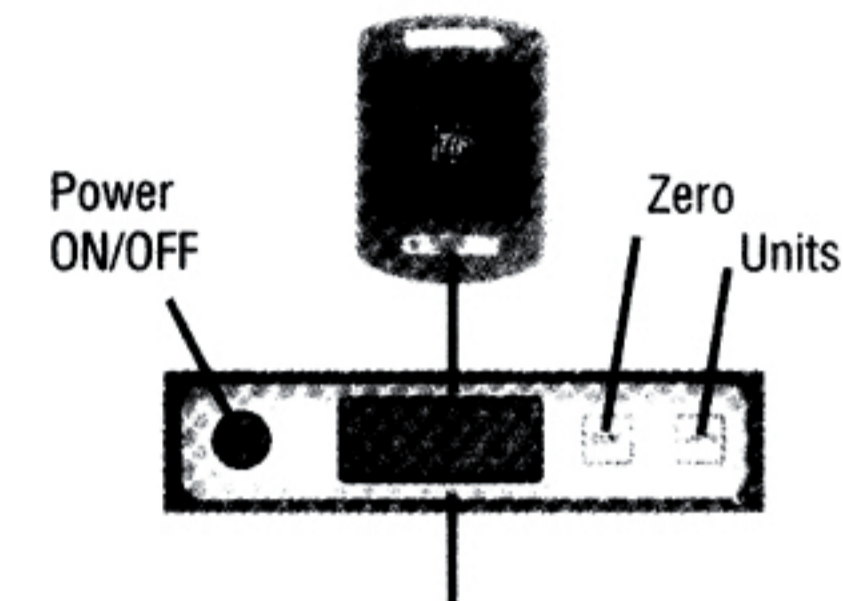
## WARRANTY AND REPAIR POLICY

This instrument has been produced to 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 all repairable units that have not been damaged or tampered with. The claim must be made within ONE year of the date of purchase.

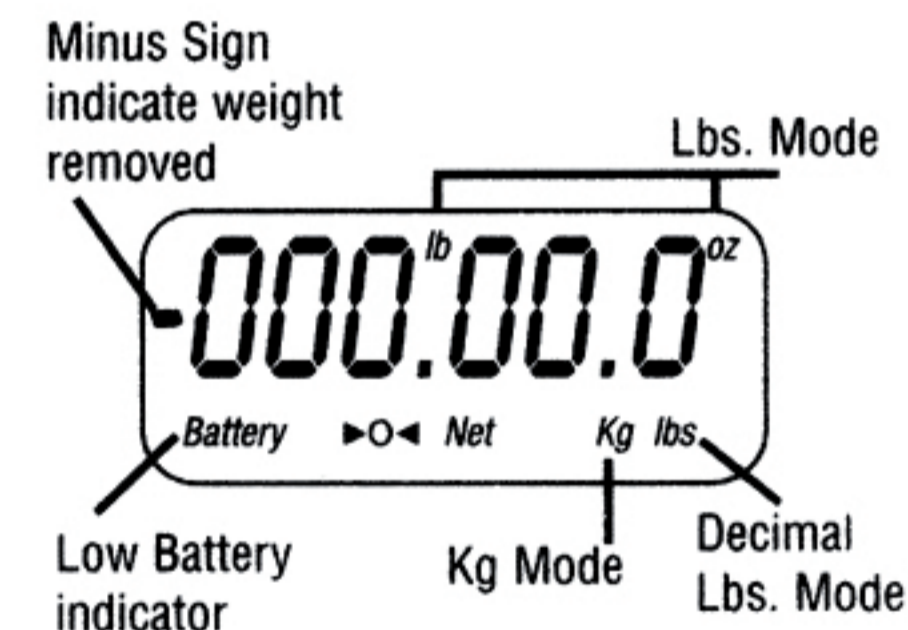
For repair call :

TIF  
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 at our toll free number to speak with a Technical Support Representative.



DISPLAY INDICATIONS



Florida - USA  
Toll Free: 1-800-327-5060  
Fax: 1-866-287-7222  
www.TIF.com