

## Tif 9010A

# TIF 9010A Slimline A/C Refrigerant Scale User Manual

Model: 9010A | Brand: Tif

## 1. INTRODUCTION

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The TIF 9010A Slimline A/C Refrigerant Scale is designed for precise measurement of refrigerant during charging and recovery processes in HVAC/R systems. Its compact design, touch key controls, and high resolution ensure accurate and reliable performance for professional use.



**Figure 1:** TIF 9010A Slimline A/C Refrigerant Scale. This image shows the compact design of the scale with its digital display and control buttons.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent personal injury and damage to the scale or equipment:

- Do not exceed the maximum weighing capacity of the scale.
- Use the scale on a stable, level surface to ensure accurate readings.
- Keep the scale away from extreme temperatures, moisture, and direct sunlight.
- Avoid dropping or subjecting the scale to heavy impacts.

- Refer to refrigerant manufacturer guidelines for safe handling and charging procedures.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- TIF 9010A Slimline A/C Refrigerant Scale
- User Manual
- Carrying Case (if included with your model)
- Batteries (if included)

### 4. PRODUCT FEATURES

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- **Charging Scale:** Specifically designed for refrigerant charging and recovery.
- **Touch Key Controls:** Intuitive interface for easy operation.
- **Multiple Display Modes:** Displays measurements in Lbs / oz, decimal Lbs, or kilograms.
- **High Resolution:** Provides precise readings with 0.1 oz / 0.005 Lbs / 2 grams resolution.
- **Extreme Accuracy:** Ensures reliable measurement for critical applications.
- **Auto Zero Function:** Automatically tares the scale for convenience.
- **Digital Display:** Clear and easy-to-read touchscreen digital display.

### 5. SETUP

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1. **Battery Installation:** Open the battery compartment on the underside of the scale. Insert the required batteries (typically 9V or AA, refer to the compartment label) ensuring correct polarity. Close the compartment securely.
2. **Placement:** Place the scale on a firm, level, and stable surface, free from vibrations. Ensure there is adequate space around the scale for refrigerant tanks and hoses.
3. **Power On:** Press the **POWER** button to turn on the scale. The display will illuminate and perform a self-test.

### 6. OPERATING INSTRUCTIONS

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#### 6.1. Unit Selection

With the scale powered on, press the **UNIT** button to cycle through the available measurement units: Lbs / oz, decimal Lbs, and kilograms. Select the desired unit for your application.

#### 6.2. Zeroing (Tare)

Before placing a refrigerant tank on the scale, ensure the scale reads zero. If not, press the **ZERO/TARE** button. This will reset the display to zero, allowing you to measure only the weight of the refrigerant added or removed.

#### 6.3. Refrigerant Charging/Recovery

1. Place the refrigerant tank securely on the center of the scale platform.
2. Press the **ZERO/TARE** button to zero out the weight of the tank.
3. Connect the appropriate hoses and manifold gauges to the refrigerant tank and the system being

serviced.

4. Begin the charging or recovery process according to standard HVAC/R procedures.
5. Monitor the scale's display to accurately measure the amount of refrigerant transferred.
6. Once the desired amount is reached, close the valves and disconnect the hoses.

## 6.4. Power Off

Press and hold the **POWER** button for a few seconds to turn off the scale. The scale may also feature an auto-off function to conserve battery life.

**Video 1:** An instructional video demonstrating the basic operation of a refrigerant scale, including power-on, unit selection, and zeroing functions. This video provides a visual guide to the initial setup and use of the device.

## 7. MAINTENANCE

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- **Cleaning:** Wipe the scale platform and display with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.
- **Storage:** Store the scale in its original carrying case or a protective environment when not in use. Keep it in a dry place, away from extreme temperatures.
- **Battery Replacement:** Replace batteries promptly when the low battery indicator appears on the display to ensure accurate operation. Remove batteries if the scale will not be used for an extended period.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Scale does not power on.	Dead or incorrectly installed batteries.	Check battery polarity; replace batteries.
Inaccurate readings.	Unstable surface, scale not zeroed, exceeding capacity, or environmental factors.	Place on a stable surface, zero the scale before use, ensure weight is within limits, avoid drafts.
Display shows "Err" or similar error.	Overload, internal error, or sensor issue.	Remove weight from scale, power cycle the unit. If error persists, contact support.

## 9. SPECIFICATIONS

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**Model:** 9010A

**Brand:** Tif

**Recommended Uses:** Refrigerants

**Readout Accuracy:** 0.1 oz / 0.005 lbs / 2 grams

**Display Type:** Touchscreen, Digital

**Special Features:** Extreme Accuracy, Auto Zero

**Item Weight:** 6.95 pounds

**Product Dimensions:** 16 x 11.2 x 2.4 inches

**UPC:** 687744281645

## 10. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the warranty card included with your product or visit the official Tif website. Keep your purchase receipt as proof of purchase for any warranty claims.

**Contact Information:** Please visit [www.tif.com](http://www.tif.com) (*example link, actual link may vary*) for the most current support resources.