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. Remove the control box from the case in order to provide clearance.
3. Switch the unit on by pushing the ON/OFF button.
4. Select the desired unit of measure by pressing and releasing the UNITS button.
5. 3 scales are available:
   - Lbs/oz (0.0 oz)
   - Decimal Pounds (0.000 lbs)
   - Kilograms (0.000 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 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 hoses and store.

LOW RESOLUTION MODE
In Normal operating mode, the extremely high resolution of the scale can lead to noticeable, yet small fluctuations in the reading caused by weight shifts or wind. To alleviate this a Low Resolution mode may be activated.
1. With the scale switched on, with any unit of weight display, press and hold the UNITS button.
2. The encuneter will begin to flash.
3. Release the button and continue normal operation.

WEIGHT MEASUREMENTS
1. The unit may be used strictly as a weight scale.
2. Follow steps 1 through 4 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 encouter 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 from the control box 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.

EXPANSION PORT
The ADS-100 has a jack on the right side of the control box. This permits connection to the optional 9020 Remote Charging Module. Please refer to instructions with the 9020 for use.

DISPLAY INDICATIONS
- Minus Sign indicates weight removed
- Battery Indicator
- Low Battery Indicator
- Lbs/oz Mode
- kg Mode
- Lbs. Mode
- Decimal Lbs. Mode

SPECIFICATIONS
- Range: 0 Lbs. 0.0 oz. to 199 Lbs. 15.8 oz. or 0.000 Lbs. to 199,990 Lbs. or 0.000 kg to 100,000 kg
- Resolution:
  - Normal: 0.2 oz./0.010 Lbs./4g or 1.0 oz./0.050 Lbs./20g
  - Low:
- Accuracy: +/- 1.0% of reading +/- 1 digit
- Power Supply: One 9V alkaline battery
- Battery Life: 30 hours (approx.)
- Operating Temperature: 32 F to 120 F
- Dimensions:
- Temperature: 0 C to 49 C
- Weight: 6.15 lbs (2.79 kg)
- Dimensions: 15.25 x 10.5 x 2.5 (38.7 x 26.7 x 6.35 cm)

WARNING: Do not use in high electrical noise environments as a variant of readings could occur.

Warranty and Repair Policy
This instrument has been produced to provide unlimited service. Should it become inoperable 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 Two years of the date of purchase. For repair return your instrument to:

Promax, Inc.
9101 NW 7th Avenue
Miami, FL 33150 USA

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 Customer Service Representative.

Promax, Inc.
A Uniform Barcodes Company
9101 NW 7th Avenue
Miami, FL 33150 USA
Ph: (800) 327-5060 Fax: (305) 757-3105