

HORNADY ELECTRONIC SCALE

INSTRUCTION MANUAL

MODEL GS-350

TARE (<0>):

The **TARE (<0>)** feature is designed to allow the user to compensate for the weight of objects that they do not want to include in the total weight calculated — such as trays or beakers that may be used to contain the item they are weighing. To use this function:

1. Place the empty 'container' on the weighing tray.
2. Wait for a stable reading.
3. Press **ON/OFF** key. The unit will now return to zero and the weight value of the container is permanently removed from the remainder of the procedure.

Note: When all weight is removed from the weighing tray, the **TARED (<0>)** value of the container will be displayed as a negative number. Press **ON/OFF** again to return to **zero**.

AUTO OFF:

This unit comes with an auto-off feature to conserve battery power. The scale will automatically turn off after approximately 4 minutes of inactivity.

CAUTION:

Do not place more than the capacity of the scale on the weighing platform. Excessive weight will overload the scale and cause the display to read **E** (error). Abuse of this type can cause damage to the scale and void the warranty.

This scale is a sensitive electronic instrument. Avoid vibrations, strong electrical or magnetic fields, and rapid changes in humidity or temperature as they can adversely affect accuracy.

CARE AND MAINTENANCE:

- Avoid lengthy exposure to extreme heat or cold. To achieve optimum functioning, allow this unit to acclimatize.
- Allow scale a minimum of thirty seconds to warm up before calibration to allow internal components to stabilize.
- Keep this product clean. Dust, dirt, and moisture can adversely affect the reliability and accuracy of this scale.
- Vibrations, air currents and proximity to other electronic equipment may affect accuracy of this product. Avoid disturbing the environmental conditions when weighing. Be sure weighing is done with scale on a flat surface in a sheltered area.
- Handle with care. Although this product is durable, rough treatment may permanently damage the internal sensor.
- Remember to replace batteries regularly.

Congratulations on your selection of a quality Hornady product. With proper care and use, this product will provide years of dependable service. Hornady is committed to providing products that fit your needs, manufactured to the highest of quality standards. If you have any comments or suggestions concerning this product please mail them to:

Hornady Manufacturing
P.O. Box 1848
Grand Island, NE 68802-1848 USA

Please read all the operating instructions to ensure the best performance from your Hornady Electronic Scale.

CAPACITY/ACCURACY:

350grain / 23 grams x 0.1grain / 0.01gram

POWER SOURCE:

Two "AA" alkaline batteries

BATTERY INSERTION:

1. Turn scale upside down and locate battery compartment cover.
2. Push tab toward compartment cover. Lift cover off.
3. Insert two "AA" alkaline batteries. ensure that battery polarities are aligned properly.
4. Replace battery compartment cover and secure.
5. The scale is now ready for use.

Note: Do not use excessive force in removing or replacing battery compartment cover.

KEY PAD FUNCTIONS:

ON/OFF Key

- a) Press and hold to turn unit on or off.
- b) Once unit is on, this key operates the tare function. Press to compensate for the weight of weighing tray or other object.

MODE/CAL Key:

- a) Press and hold to begin calibration procedure (see Calibration Procedure).
- b) Press and release to change weight unit, i.e., from grams to grains.

CALIBRATION:

Important: always allow a minimum of thirty seconds for the scan to stabilize. During prolonged periods of use repeat this procedure at regular intervals for optimum accuracy.

Note: Any attempt by the end user to internally calibrate the scale will void warranty.

DIGITAL AUTO CALIBRATION PROCEDURE:

1. Place scale on a flat surface in a sheltered area.
2. Turn scale on by pressing **ON/OFF** key. Allow unit to stabilize for at least thirty seconds.
3. Press and hold **CAL** key until the display shows a flashing weight reading. The flashing weight reading indicates the correct weight that must be placed on the tray.
4. With the display still flashing, press the **ON/OFF** key. The display will read **CAL 0**.
5. Wait for **3 seconds** and then gently place the correct calibration weight in the center of the tray.
6. When the calibration is complete the unit will briefly display **CAL F** and then return to normal operating mode. The calibration is complete when the display correctly shows the weight that is placed on the weighing tray and the display has stabilized.
7. Remove the calibration weight and press the **TARE (<0>)** key to reset the zero point.

Note: If CAL E appears instead of CAL F, this indicates an error has occurred. Turn the scale off and repeat the procedure.

OPERATION:

1. Place scale on a flat surface in a sheltered area.
2. Press and hold the **ON/OFF** button to turn the scale on.
3. Open draft shield and place tray on weighing platform. (You may also place objects directly on the weighing platform.)
4. Allow the scale to stabilize for at least **30 seconds**. When initially turned on, the scale will read **8888** before returning to **zero**.
5. Gently place object(s) to be weighed in the weighing tray. Do not overload.
6. Wait for reading to stabilize.
7. Read weight.
8. To change weighing units (from grams to grains) press the **MODE/CAL** key.

FEATURES:

DIGITAL AUTO CALIBRATION:

Allows for convenient user digital calibration from the keypad.

POWER UP TEST:

When the unit is initially turned on, all segments of the display will appear. This will remain for approximately 3 seconds. The scale will then reset to zero. This is an internal self-test procedure.

RIGHT READING INDICATION:

A right facing arrow will appear on the right side of the display to indicate the weighing mode currently in use. When weight is placed on the tray, this arrow will disappear while the scale stabilizes and will reappear once the stable weight reading is achieved.

OVERLOAD:

When a load that exceeds this unit's capacity is applied to the weighing platform, an **E** (error) will appear on the display. Remove this load immediately. The unit should then return to normal operation unless damage has occurred.

NEGATIVE VALUE RECORDING:

Any "tared" value or value left in memory will be displayed as a negative number once all weight is removed from the unit. Press the **TARE (<0>)** key to return the unit to zero.

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