

## Digital Food Scales

### MODEL DFG-160

<b>Capacity</b>	<b>Model DFG-160 (160.0oz x 0.1oz, 160.0oz x 1/8oz, 5000g x 1g)</b>	
<b>Platform Size</b>	<b>Standard (7 " X 7 ")</b>	<b>Oversize (11 " x 7 ")</b>
<b>Overall Size</b>	<b>8 " x 10.5 " x 2.5 "</b>	
<b>Power Source</b>	<b>120 VAC, 60 HZ/230 VAC, 50 HZ</b>	<b>Output: 9VDC 300ma</b>

*-Not Legal for Trade -*

### **Operating Instructions:**

The DFG model scale operates on one 9-volt battery, or a 9-volt power supply (part # S549). The scale has an automatic power off feature. If a battery is used, the scale will shut off after the programmed time if no weighing operation is performed.

To install the batteries, turn the scale display over, open the battery box, install one 9-volt battery, (observing polarity), and close the cover. If the power supply is used, push the power supply tip into the jack orifice, making sure the two pieces are properly aligned for a tight seal.

Turn on the scale by depressing the "on/tare" switch. Scale readout will show all 8's for approximately 5 seconds and then the zero reading. If the scale is overloaded, an "E" will be displayed. If a load is placed on the scale platform, the weight of this load is shown on the scale display in the units in which the scale is weighing. You can change the weighing mode by pressing the "Mode/Cal" button. This load can now be "tared out" i.e. shown as zero on the scale display, by depressing the "On/Tare" button. If an additional load is then placed on the platform, the weight of this additional load can also be "tared out" by depressing the "On/Tare" button. This tare operation can be repeated up to the capacity of the scale.

If the total load is now removed from the platform, the weight of the total load will be shown as a negative value on the scale display. This negative value can now be removed from the display by depressing the "On/Tare" button. Depressing the "Off" button at any time will turn the scale off.

### **Key Pad Functions:**

"On/Tare"- Press this key to turn scale on. Once the scale is on the same key operates the additive tare feature. This feature has been specifically designed for weighing substances, which require a container. (Liquids, powders, etc.) Place the container on the scale and press the "on/tare" button. The display will change and return to 0.0 also an arrow will appear next to the word tare on the decal. Now when you add product to the scale it will only show the weight of the product you are adding into the container. Once you are done remove the container and press the "zero" key and the scale will return to its original zero.

**“Mode/Cal”**- Pressing this key momentarily allows the user to change the units of measure. (“oz” ounces or “g” grams). A black arrow will appear next to the “oz” on the decal if you have selected one of the two different ounce modes or the black arrow will appear next to the “g” on the decal if you have selected the gram mode. Note: For calibration please refer to the separate procedure below.

**Zero**- Returns the display to “0.0” no matter if there is product on the scale or not.

**Off** - Turns the scale off.

### **Calibration Procedure:**

- 1) Turn the scale on and allow the unit to stabilize for fifteen seconds. Press and hold the “mode/cal” key for more than five seconds. The correct calibration weight will appear (2000 grams equals 4.0 pounds 6.5 ounces) and flash on the display.
- 2) With the correct calibration weight flashing press the “zero” key and the display will change to read “CAL 0”. Gently place the correct calibration weight on the platform.
- 3) When the calibration is complete the unit will briefly display “CAL F” and then return to the normal weighing mode. The unit is now calibrated.

If no weight is placed on the platform the scale will return to the normal weighing mode after fifteen seconds. Note: If "CAL E" appears, this indicates that a calibration error has occurred and the calibration process must be repeated. "CAL E" can occur when the calibration steps are not followed in the correct order or due to the addition of an incorrect calibration weight. "CAL E" will remain on the display until the scale is shut off using the "Off" key and the scale will revert to the previous calibration settings. The calibration procedure must be repeated in order to change the scale calibration settings.

**Overload** – When the weight limit of the scale has been exceeded the display will show “E”.

**Low battery**- When the battery needs to be replaced the display will show “Lo”.

### **Care and Use:**

Remove residues from scale exterior with moist cloth, taking care that no liquid is allowed to enter the case. Internal moisture, use under heat lamps or use near steam tables could damage or destroy the electronic circuitry. Using the platform as a cutting surface is also not recommended as any high impact to the underlying load cells can reduce their accuracy and functional life.

### **Warranty:**

Edlund scales are warranted against defects in material and workmanship for a period of one year from the date of purchase. During the warranty period, Edlund will repair or replace at its option, at no charge, defective parts provided the customer calls 1-800-772-2126 for a return authorization number (RA#) and the scale is returned in an adequately protecting shipping carton. Please mail to the Edlund Company Service Dept., 159 Industrial Parkway, Burlington, VT 05401. ([www.edlundco.com](http://www.edlundco.com))

Note: This warranty does not apply to any scale damaged by accident or misuse, exposure to radioactive or corrosive materials or as a result of service modification by other than Edlund Service Department. The Edlund Company gives no other expressed or implied warranty.