KEYPAD FUNCTIONS:

- **On:** Press this key to turn unit on.
- **Off:** Press this key to turn unit off.
- **Hold:** Press this key to hold weight value on display for three seconds. Use by observing weight value, press HOLD key, then remove weight and see weight value held.
- **Tare:** Press tare to reset the balance to zero. Tare can be used for eliminating from a sample (or a procedure) the weight value of a container. The container weight is permanently removed from the remainder of the procedure.

NOTE: When all weight is removed from the weighing tray, the tared value of a container will be displayed as a negative "E". Press tare key twice to return the balance to zero.

SUPPLIED ACCESSORIES

- **Battery:** One (1) 9 Volt Alkaline battery is included with your balance.

CE

WARRANTY:

This product is warranted for two years from the date of purchase against defects in materials and/or workmanship. Please retain proof of purchase for your records. If the product fails to operate to specification during this period, when used under normal conditions, we will repair or replace it at our option, without charge. Telephone or written correspondence should include both the model and serial number of your balance. You must obtain a return goods authorization and pay the shipping charges to us. We will return the unit freight prepaid. All units returned must be properly packaged to avoid possible damage during shipping. Please refer to warranty card for specific coverage information. You must fill out and return warranty card to register the product and invoke warranty. Removal of factory calibration port, adjustment or modification of any internal components, by other than a factory authorized technician, voids warranty coverage. Warranty does not apply to accident, misuse or foreign material penetrating unit housing.

Specifications

MODEL #GS-200 / #GS-2001

Capacity (g)	200g/2000g
Readability	0.1g, 0.01oz / 1g, 0.1oz
Linearity (g)	± 0.2/± 2
Weighing Modes	g, oz
Tare Range	To capacity by subtraction
Calibration	Factory preset
Stabilization Time (sec)	3-5
Maximum Overload	150% of capacity
Overload Indication	"– E"
Underload Indication	"E"
Auto Off	90 seconds (battery only)
Optimum Operating Temperature	64°-77° F (18-25C)
Optimum Operating Humidity	Less than 80% RH
Display Type	LCD/.5" high angled
Low Battery Indication	"LO"
Power Requirements	9V alkaline battery or AC adaptor
Platform Size/Type	5.25" x 5.25" (133mm x 133mm) plastic
Dimensions (H) x (W) x (D)	2.75" x 5.25" x 9.25" (70mm x 133mm x 235mm)
Net Weight (lb/kg)	2/0.9
Included Accessories	9V alkaline battery
Optional Accessories	AC adaptor, cable lock, carry case, bowl

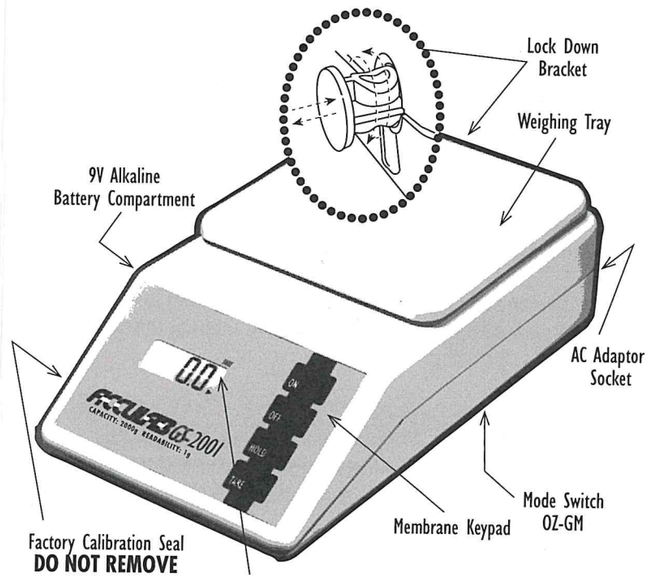
Performance specifications measured within optimum temperature range after recommended warm up and proper calibration. Specifications subject to change without notice.

REV 1/96

MODEL #GS-200 #GS-2001

Instruction Manual

PLEASE READ COMPLETE INSTRUCTIONS BEFORE USE



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MODEL
#GS-200
#GS-2001

Instruction Manual

Thank you for purchasing the Acculab GS-200/GS-2001 Electronic Balance. With proper care and treatment it will provide years of reliable service.

Please read all operating instructions carefully and be sure to fill out and return the enclosed warranty card to register your unit and invoke the warranty.

• Avoid lengthy exposure to extreme heat or cold. Your balance works best when operated within the temperature limits listed in the specifications. Always allow the unit to acclimate to a stable temperature before operation.

• Allowing sufficient warm up time of two minutes before starting weighing operations will give the internal components a chance to stabilize.

• The cleaner the environment, the better. Electrostatic fields, gravitational fields, dust, dirt, moisture, vibration, air currents, and proximity to other electronic equipment can all have an adverse effect on the reliability and accuracy of your unit.

• Handle with care. Carefully set weighing tray onto top of unit until level. Gently apply all items to be weighed onto the center of tray top. Although designed to be quite durable, avoid rough treatment as this may permanently damage the internal sensor.

OPERATION

AC Adaptor Operation:
1) The unit will operate on 115V/AC or 220V/AC, depending on the type of AC Adaptor provided. CAUTION: Use only an AC Adaptor with a negative tip to supply AC power. Use of another type of adaptor may permanently damage the unit and will void the warranty. See optional accessories.

2) Insert the female plug into the receptacle at the rear of the unit, and then into the desired electrical outlet. Check your use of any extension cord which may affect power output. Unplug AC adaptor when not in use for extended periods.

Battery Operation:
1) One nine (9) Volt ALKALINE BATTERY is required. This is supplied with your balance.

2) To install battery, open battery cover on bottom of balance and connect battery to snap. Place battery into its compartment and replace the cover. Always handle battery lead wires with care. DO NOT USE EXCESSIVE FORCE!

3) Remove battery when scale is not used for extended periods.

CALIBRATION

NOTE: Internal factory calibration is preset and performed by accessing internal components from a port located on the left side of the unit. This port is covered by a seal. Removal of this seal by other than a factory authorized technician will void warranty coverage of the unit.

FEATURES

• **Power Up Segment Test:** When first turning the unit on, all segments of the display will appear as shown below. This display will remain for approximately 3 seconds and then reset to zero.

• **Weighing Mode Switch:** Your balance can be operated in the Gram mode "GM" or the Ounce mode "OZ". The weighing mode switch is on the bottom side of your balance. Select your weighing mode by moving the switch to the desired mode BEFORE turning on your balance. Your unit is shipped to you in the "GM" Gram mode.

• **Overload:** When an applied load exceeds the unit's capacity, "E" will appear on the display. Remove excessive load immediately. The unit should return to normal operation.

• **Negative Value:** Any tared value will be displayed as a negative "– E" once all weight is removed from the unit. Press tare twice to return to normal operation.

• **Tare:** The tare feature is designed to allow the user to reset the balance to zero at any time. Tare can also be used to eliminate, from a sample or procedure, the value of a pan liner, scoop, beaker, etc. when the weighed material needs to be held in a container and just the net weight of the material is desired. Place the container on the weighing tray, wait for a stable reading and then press tare. The unit returns 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 value of the container will be displayed as a negative "– E". Press the tare key twice to return the balance to zero.

• **Auto Off:** An auto shut off feature is provided which is operational only while the unit is operated under battery power. The unit will automatically turn off after approximately 90 seconds if no active weighing takes place. Auto shut off will not occur during operation with AC Adaptor.

• **Lock Down Bracket:** A molded piece insert is attached to the back of the balance housing that can be used on an optional basis to secure the unit. The bracket slides in or out as needed and can be used with an optional cable lock sold as an accessory.