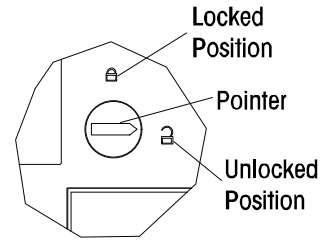


## PREPARATION FOR USE

**Release Shipping Lock under the balance**  
Rotate the pointer to the unlocked position.

**Note:** No shipping lock on Approved models.



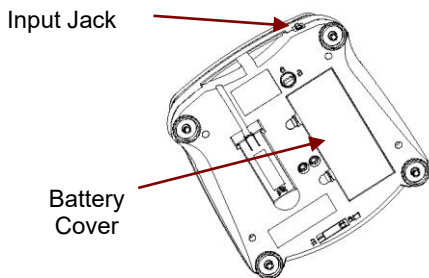
### Connect Power

Ensure voltage identification label matches local line voltage. If not, do not connect the unit. Contact Ohaus or your dealer.

#### Battery Installation

Install the batteries with polarity as shown in the battery compartment.

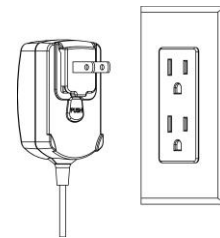
Use the AC Adapter to power the balance when battery power is not needed.



Connect the AC Adapter plug to the input jack.

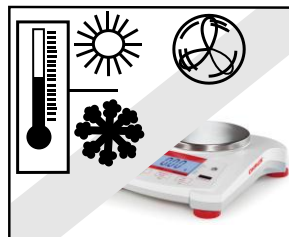
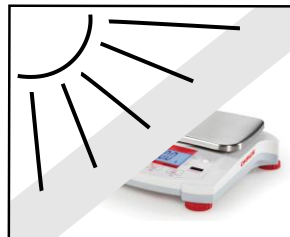
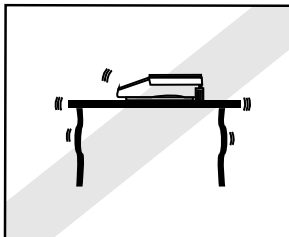


Slide appropriate power plug for your country onto the adapter housing.



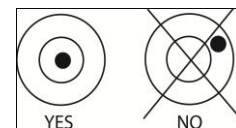
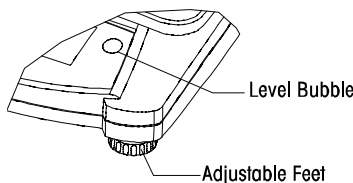
Connect AC Adapter to the proper AC supply.

## SELECTING THE LOCATION: Place on a firm, steady surface with sufficient space.



Avoid excessive air current, vibrations, heat sources, or rapid temperature changes.

Adjust the leveling feet so the bubble is centered in the circle.

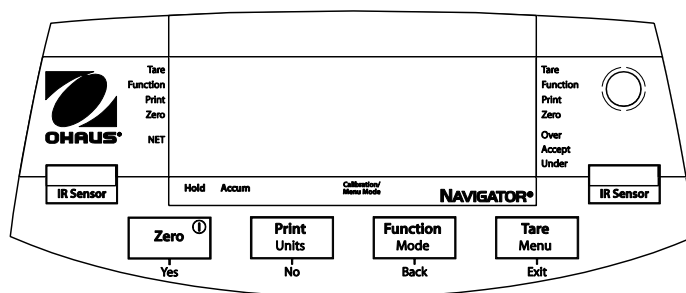


## SAFETY PRECAUTIONS

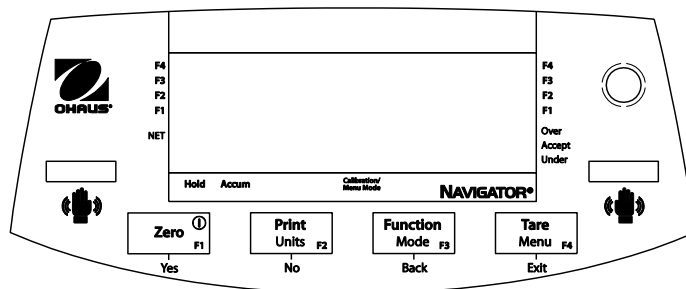
- Before plugging in the balance, verify that local power supply matches voltage printed on power adapter. (Use only the adapter provided with the balance.)
- Disconnect the balance from the power supply when cleaning.
- Do not operate this product in hazardous or unstable environments.
- Do not drop loads on the pan.
- Use only approved accessories and peripherals, as available.
- Operate the product only under ambient conditions specified in the Instruction Manual.
- Service should be performed by authorized personnel only.

## CONTROLS

Control panel for Standard (non-approved) models



Control panel for approved models



Button	Functions
<b>Zero</b> ①	<i>Short Press</i> (when on): Sets display to zero (when off): Turns balance on <i>Long Press</i> (when on): Turns the balance off
<b>Yes</b>	<i>Short Press</i> (in Menu): Selects/accepts displayed setting
<b>Print Units</b> <b>No</b>	<i>Short Press</i> : See Interface Manual for operation description. <i>Long Press</i> : Toggles through active units <i>Short Press</i> (in Menu): Toggles through available settings
<b>Function Mode</b> <b>Back</b>	<i>Short Press</i> : Selects function setting <i>Long Press</i> : Selects active Mode <i>Short Press</i> (in Menu): returns to previous settings
<b>Tare Menu</b> <b>Exit</b>	<i>Short Press</i> : Enter / clear a Tare value <i>Long Press</i> : Enters User Menu <i>Short Press</i> (in Menu): Quickly exit User Menu
<b>IR Sensor-Left</b> <b>IR Sensor-Right</b>	IR Sensors can be programmed to act as “touchless” buttons. (See Setup Menu, back page, to program sensors to act as specific buttons.)

IR Sensors can be activated by a hand or other object placed about 12mm (½ inch) above the sensor. Activation distance varies with the reflective nature of the object. If unwanted activations occur, sensors can be turned off.

## OPERATION



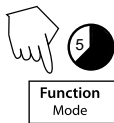
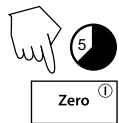
= Long Press



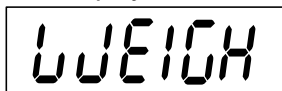
= Short Press

### Weighing

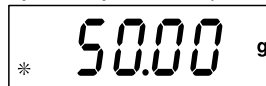
First press **Zero** to Power on. Then long-press **Function/Mode** until **WEIGH** appears.



Display shows:

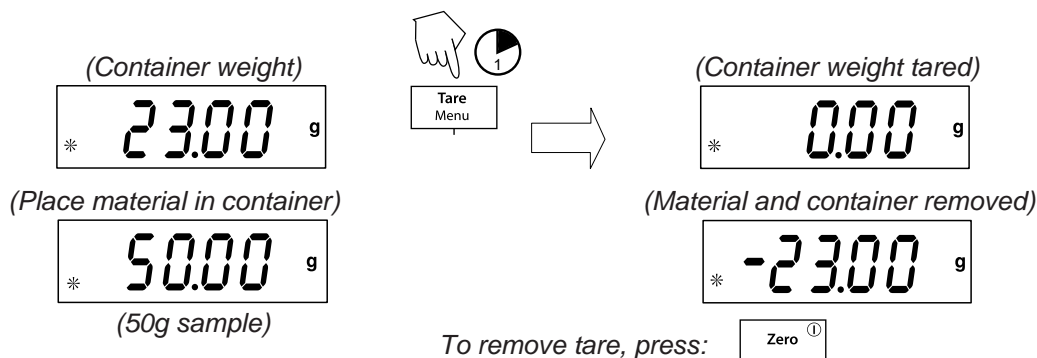


To use a container and **Tare**, see below.  
Place sample on platform (example 50g):



### Taring a Container's Weight

Taring zeros the container weight. With balance on, place an empty container on the platform.



## ADDITIONAL OPERATIONS

Use the Mode Menu to activate:

(See back page for details of menu navigation.)

**Parts Counting**, **Percent Weighing**, **Display Hold**, **Accumulation**, or **Checkweigh**.

**Parts Counting** counts large numbers of items based on the weight of a reference count.

Set an *Average Piece Weight* (APW) or use a previously stored APW.

Balance calls for a stored sample size [**Pwt 10**], which can be changed to 5, 20, 50 or 100.

Place indicated pieces on pan, press **Yes**. Display shows count. (Press **Function** to see APW.)

**Percent Weighing** measures weight of a sample as percentage of a reference weight.

Set a *Reference Weight* or use a previously stored one. (Press **Function** to see current Ref Weight.)

After establishing Ref Weight, place sample on pan. Display shows percentage of Ref Weight.

To clear stored Ref Weight, press **Yes** when [**Clr.rEF**] is displayed.

**Display-Hold** mode captures and stores the highest stable weight value. With **Hold** activated, place sample on pan. When balance detects highest stable weight, "Hold" indicator blinks and displayed weight will not change. Press **Function** to release the held weight value.

**Accumulation** stores the total of a series of weight measurements. Add first item, its weight is displayed. Press **Function** to store weight. [**ACCUM**] flashes; display shows total weight. Remove first item, add next item. Balance displays weight. Press **Function** to store. [**ACCUM**] flashes; display shows new total weight. Repeat for all items to be added. To clear total, press and hold **Mode** until [**ACCUM**] appears. Press **Yes** when [**Clr.Acc**] appears.

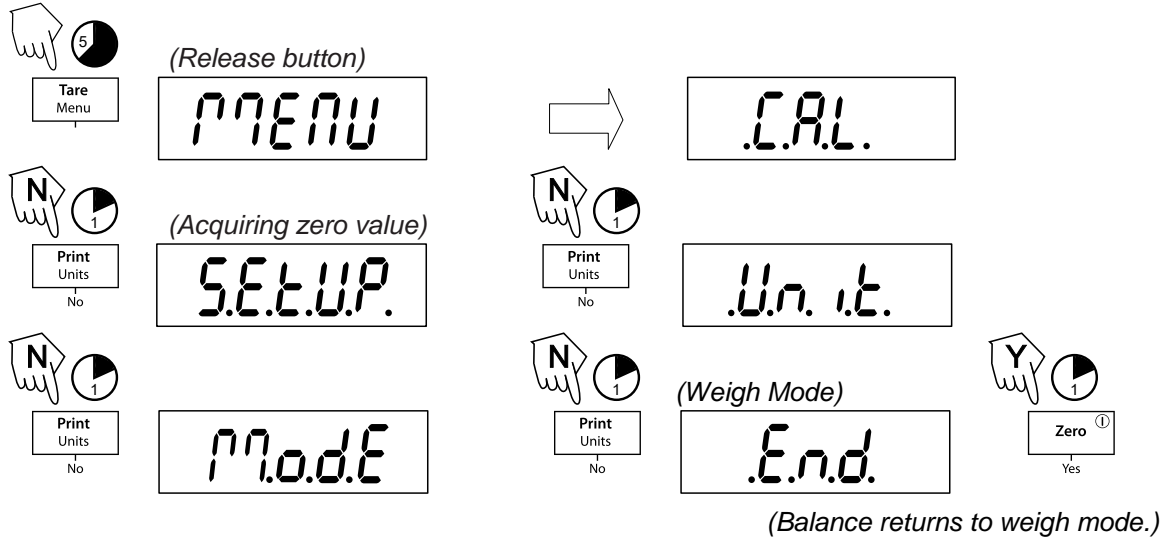
**Checkweigh** sets low and high weight limits for portion control. (Press **Function** to view low and high reference weight limits.) To set new limits, press **Yes** when [**Clr.rEF**] appears (after selecting [**CHECF**].) Balance displays [**SEt. L**]. Press **Yes** to view "Low" value; repeat **No** until desired number appears, then **Yes**. Repeat for all numbers, and same procedure for [**SEt. H**]. When limits are set or accepted, place sample on Pan. **Accept** indicator shows weight is within acceptable range. To clear stored reference values press and hold **Mode** until [**CHECF**] appears. When [**Clr.rEF**] appears, press **Yes**.

## MENU NAVIGATION




There are five main menus: **.C.A.L.**, **.S.E.T.U.P.**, **.U.N.I.T.S.**, **M.O.D.E.**, and **.E.N.D.**

(Start with the balance off and the Lock Switch off: see page ii).

The sequence is shown below.



## MENU STRUCTURE

Accepting/Bypassing Menu Items Start with menu item displayed.	Cal	Setup	Units	Mode*	End
 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Zero <sup>①</sup></div> Yes <p><b>= YES Accept</b></p>	Span - yes/no Lin - yes/no	A-Off -on/off Display -on/off /dim/off Bright -hi/mid/low IR Sensor Ir.LEFT/Ir.RGHT -Off/Tare/Function/ Print/Zero/Display	Ct gr g kg N oz ozt t <sup>hk</sup> t <sup>sg</sup> t <sup>tw</sup> t dwt lb lb:oz End	Count -on/off Percent -on/off Hold - on/off Accum - on/off Check - on/off *Weigh is always active	Yes/No
 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Print Units</div> No <p><b>= NO</b></p>					
 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Print Units</div> No <p>(Short presses advance through menu)</p>					

Units must be "turned on" to be active.  
For oz and lb:oz, choose dec or frac readouts.

**Note:** Available units and modes vary by model and local regulations.



P/N 83033981