

EXPLORER®

Quick Start Guide



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OLS

Touch to access application setup menu

Touch to change applications

Touch to access available libraries

Touch for information menu

Touch unit indicator to change weighing unit

Capacity or Status Guides: Vary by application

Application Buttons: Functions vary by application



ION

Press **Tare** to set the display to zero. Place an item on the pan. Display indicates gross weight.

With no load on the pan, press **Tare** to set the display to zero. Place an empty container on the pan and press **Tare**. Add material to the container and its net weight is displayed. Remove container and container's weight appears as a negative number. Press **Tare** to clear.

SCREEN NAVIGATION

Menu to open the menu list.

Drag the **Scroll bar** to view additional items.

- Calibration:** Touch to view calibration options.
- User Settings:** Touch to view user preferences.
- Balance Setup:** Touch to view balance settings.
- Application Modes:** Touch to view application modes.
- Weighing Units:** Touch to view weighing units.
- GLP and GMP Data:** Insert user data for traceability.
- Communication:** COM Device Settings and Print Settings.



- Library:** Touch to delete library items.
- Diagnostics:** Touch to view diagnostics list.
- Information:** Touch to view list of topics.

FEATURES

- AutoCal™ Internal Calibration**
Automatically calibrates the balance when it senses a temperature change that can affect weighing accuracy.
- Statistics**
Choose this option in most applications to compare samples.
- Modular Design**
Offers flexibility to mount the display above the balance, to a wall or use it remotely on the countertop.
- Touchless Sensors**
Four Touchless Sensors can be assigned unique functions. Activate the sensors by moving a hand or object over it.
- Level Assist**
A visual aid to guide users during the leveling process.
- Optional Accessories**
Accessories include Tower Assembly, Draft Shield Kit, Ethernet Interface, 2nd RS232 Interface, Density Determination Kit, Security Device, Terminal Extension Cable and Foot Switch.

APPLICATIONS

- Weighing**
Determine the weight of items in the selected unit of measure. Minimum Weight feature is also available.
- Percent Weighing**
Measure the weight of a sample displayed as a percentage of a pre-established Reference Weight.
- Dynamic Weighing**
Weigh an unstable load. Balance takes an average of weights over a time period.
- Totalization**
Measure cumulative weight of multiple items. Cumulative total may exceed Balance capacity.
- Differential**
Store sample weights and calculate the difference between initial weights and final weights.
- Peak Hold**
Capture and store highest weight in a series. Both stable and unstable weights are captured.
- Pipette Adjustment**
Check pipette values by weight analysis, with built-in water density table.
- Parts Counting**
Count samples of uniform weight. Choose Standard Counting, Check Counting, or Fill Counting.
- Check Weighing**
Compare the weight of a sample against target limits. Choose from Standard, Nominal-Weight, or Nominal-Percent.
- Filling**
Fill a container to a target weight. Progress bar displays filling status.
- Formulation**
For compounding and recipe making. The number of components can be from 2 to 99.
- Density Determination**
Determine density of solids more dense than water, solids less dense than water, liquids, or porous material.
- Ingredient Costing**
Determine cost of formula or recipe based on known cost/quantity of components or ingredients.
- SQC**
Monitor and/or control processes to eliminate under and over filling.



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1 ASSEMBLY INSTRUCTIONS (More details, see page 7 of instruction manual)

1 Installation



1 Door Installation

1.2.2 Align



1.2.4 Lock



1 Front Panel Installation

1.3.2 Align panel



1.3.4 Reconnect terminal



1 Door Installation

1.4.2 Press Down



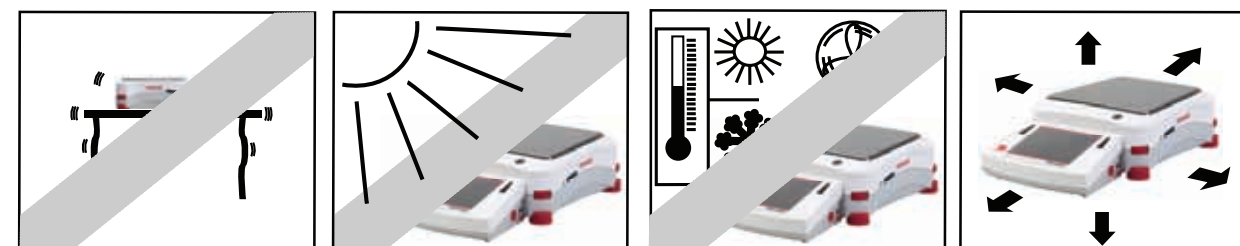
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2 ASSEMBLY INSTRUCTIONS (More details, see page 9 of instruction manual)



3 SELECTING THE LOCATION

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



4 POWERING AND LEVELING THE BALANCE

Connect the AC Adapter to the wall outlet. Connect the plug into the receptacle on the rear of the balance.



To level the balance, adjust thumbwheels until level is centered. See the Level Assist screen in the Information Menu.



For best accuracy, allow the balance to warm up for 60 minutes.

5 SAFETY PRECAUTIONS



For safe and dependable operation, please comply with the following safety precautions:

- Input voltage printed on AC Adapter and plug type must match local AC power supply.
- Make sure power cord does not pose an obstacle or tripping hazard.
- Disconnect product from power supply when cleaning.
- Do not operate product in hazardous or unstable environments.
- Do not drop loads on platform.
- Use only approved accessories and peripherals, as available.
- Operate product only under ambient conditions specified in Instruction Manual.
- Service should be performed by authorized personnel only.