

EXPLORER[®] **Quick Start Guide**



CONTROLS

Instructional Messages Stability (*), Net (NET), Gross (G) and/or center of zero (>0<) indicators

Result Fields: Information varies by application

Touch icons to perform specific functions or access other functions



OPERATION

Weighing: 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 Taring: 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.

MENU & SCREEN NAVIGATION

Touch **Menu** to open the menu list. Touch and drag the Scroll bar to view additional items.

Cal
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libration:



Touch to view calibration options.



User Settings: Touch to view user preferences.



Balance Setup: Touch to view balance settings.



Touch to view application modes.



Weighing Units: Touch to view weighing units.



Communication:

COM Device Settings and Print Settings.



	GLP and GMP Data	
	Library:	
	Touch to delete library items.	
578	Diagnostics:	
V.	Touch to view diagnostics list	
	Information	



Main Menu

Calibration

User Settings

Balance Setup

Application Modes

Weighing Units

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Touch to view list of topics.

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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.

APPLICATIONS

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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.

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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.

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.



SOC

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)
- 1.1 Pan Installation



1.2 Side Door Installation 1.2.1 Unlock 1.2.2 Align



1.2.4 Lock

1.2.3 Clear



- 1.3 Front Panel Installation
- 1.3.1 Release 1.3.2 Align terminal panel





1.3.3 Push to







1.4 Top Door Installation 1.4.2 Press Down 1.4.1 Align











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.



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. ٠ Do not operate product in hazardous or unstable environments. ٠ •

- Do not drop loads on platform.
- Use only approved accessories and peripherals, as available. ٠
- Operate product only under ambient conditions specified in Instruction Manual. ٠
- Service should be performed by authorized personnel only. •



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



