EQUINOX

Equinox balances bring remarkable precision to labs that perform highly detailed testing. The Equinox is ideal for research and quality assurance facilities; science education; precision counting; production and general laboratory applications. A large 5" color touch-screen display provides intuitive operation, with icon-driven menus and readily accessible applications.

Comprehensive Results
All data readily displayed
- Measurements appear in seconds with all pertinent data for the active application
- Perform statistics on up to 500 consecutive weights or store and recall a custom statistics method using the internal database
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines

Data Storage and Formulation
Fast recall streamlines testing
- Built-in memory for storing products and settings
- Formulation/recipe function
- 3,000-item database to store and recall data for ingredients, sample weights, check weight limits
- USB flash drive can be used for additional storage

Intuitive Touchscreen Display
Easily visible navigation
- Large 5" 800x480 pixel full color touchscreen display
- Set different user preferences and customize appearance
- Different user options allow white text on black background

Models for a range of applications

Semi-Micro Balances
Dual-range models with 120g and 220g capacity and 0.01mg/0.1mg readability

Analytical Balances
Capacities from 120g to 510g with 0.1mg readability

Precision Balances
Capacities from 360g to 8200g, with 0.001g and 0.01g readabilities

Functions that make the Equinox an outstanding value

Checkweighing
Enhanced consistency for lots and batches by verifying if the weight of a particular item is above, below or at a predetermined specified weight.

Density Determination
Calculate density of liquids or solids instantly within the balance when used with optional density kit
(available with select models).

Statistics
Perform statistical analysis on a series of measurements and display results for minimum and maximum values, average, standard deviation, and much more.

Formulation
Prepare a compound by dosing a set of components in manual mode, or recall a formula with ingredients and tolerances previously entered in the database.

Textile
Measure and display linear mass density of yarns and threads. Store and recall textiles from the database.

Parts Counting
Achieve high levels of accuracy to track and record inventory. Enter a sample count or look up parts from a stored database. The display shows the unit weight, number of pieces counted, and total weight.

Percentage Weighing
Instantly calculate percentages or compare products with a master reference sample weight during quality control checks.

Dynamic / Animal Weighing
Improve measurement accuracy when weighing animals or liquids. The balance calculates the average weight of an animal or substance based on the force exerted on the pan over a period of time.

Weighing
The Equinox offers a wide range of weighing units to facilitate numerous lab applications. Users can program a custom unit for more complex unit weight calculations.

Features
- Large 5'' 800x480 pixel touchscreen display
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- RS-232 interface is available to provide speedy connection to computers and printers
- USB host for memory card and USB I/O interface
- Built-in memory for storing products and settings
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Multilingual display permits use in various regions
- Checkweighing with audible alarm

EQUINOX

Model	EAB 125i	EAB 225i	EAB 124e	EAB 224e	EAB 314e	EAB 124i	EAB 224i	EAB 314i	EAB 414i	EAB 514i
Capacity	62g / 120g	82g / 220g	120g	220g	310g	120g	220g	310g	410g	510g
Readability	0.01mg/ 0.1mg	0.01mg/ 0.1mg	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Repeatability (S.D.)	0.02mg/ 0.1mg	0.02mg/ 0.1mg	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g	0.0002g
Linearity (+/-)	0.1mg / 0.2mg	0.1mg / 0.2mg	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g	0.0003g
Pan Size	3.1" ø / 80mm ø									
Weighing Units	g, mg, ct, GN, lb, oz, dwt, mm, ozt, tl.H, tl.S, tl.T, T, custom unit									
Stabilization Time (sec)	6		4							
Interface	RS-232, USB									
Calibration	Internal automatic calibration		External calibration			Internal automatic calibration				
Display	Touchscreen with 4.9"/ 125mm -high digits									
Power Supply	24V 50/60Hz 500mA adapter									
Operating Temperature	10° to 30°C / 50° to 86°F									
Housing	ABS plastic									
Draft Shield	Chamber 7.6"x7.7"x9.1" / 192x195x230mm									
Overall Dim.	8.8"x14.7"x13.3" / 224x374x338mm (wxdxh)									
Net Weight	15.9lb / 7.2kg									

Model	EPB 363e	EPB 723e	ETB 3202e	ETB 6202e	ETB 8202e	EPB 363i	EPB 723i	EPB 1203i	EPB 2103i	ETB 3202i	ETB 6202i
Capacity	360g	720g	3200g	6200g	8200g	360g	720g	1200g	2100g	3200g	6200g
Readability	0.001g	0.001g	0.01g	0.01g	0.01g	0.001g	0.001g	0.001g	0.001g	0.01g	0.01g
Repeatability (S.D.)	0.002g	0.002g	0.02g	0.02g	0.02g	0.002g	0.002g	0.002g	0.002g	0.02g	0.02g
Linearity (+/-)	0.003g	0.003g	0.03g	0.03g	0.04g	0.003g	0.003g	0.003g	0.005g	0.03g	0.03g
Pan Size	4.3" ø / 110mm ø		7.3"x7.3" / 185x185mm			4.3" ø / 110mm ø				7.3"x7.3" / 185x185mm	
Weighing Units	g, mg, lb, oz, ct, GN, dwt, mm, ozt, T, tl.H, tl.S, tl.T, custom unit										
Stabilization Time (sec)	3										
Interface	RS-232, USB										
Calibration	External calibration					Internal automatic calibration					
Display	Touchscreen with 4.9"/ 125mm -high digits										
Power supply	9VDC 1A adapter	24V 50/60Hz 500mA adapter	9VDC 1A adapter	24V 50/60Hz 500mA adapter		9VDC 1A adapter	24V 50/60Hz 500mA adapter			9VDC 1A adapter	24V 50/60Hz 500mA adapter
Operating Temperature	10° to 30°C / 50° to 86°F										
Housing	ABS plastic										
Draft Shield	Chamber 7.6"x7.7"x4.5" / 192x195x115mm	N/A				Chamber 7.6"x7.7"x4.5" / 192x195x115mm				N/A	
Overall Dim.	8.8"x14.7"x8.6" / 224x374x219mm (wxdxh)	8.8"x14.7"x3.7" / 224x374x95mm (wxdxh)				8.8"x14.7"x8.6" / 224x374x219mm (wxdxh)				8.8"x14.7"x3.7" / 224x374x95mm (wxdxh)	
Net Weight	14.5lb / 6.6kg					15.2lb / 6.9kg					

Accessories

Item number	Description
104008036	Anti-vibration table
1060014262	Density kit for balance up to 0.001g readability
3012014259	In-use wet cover
3014011014	RS-232 cable M-F
700100410	ABI-1 Ionizer
1120014641	AIP impact printer
1120011156	ATP thermal printer
700100046	Kensington-type lock and cable
600002028	AdamDU Data Collection Program
700660290	Calibration certificate

700100398	E1 5g Calibration Weight
700100399	E1 10g Calibration Weight
700100400	E1 20g Calibration Weight
700100401	E1 50g Calibration Weight
700100022	E2 100g calibration weight
700100023	E2 200g calibration weight
700100008	F1 500g Calibration Weight
700100007	F1 100g Calibration Weight
700100009	F1 1kg Calibration Weight
700100012	F1 200g Calibration Weight
700100010	F1 2kg Calibration Weight

ADAM®

Adam Equipment Inc.
1 Fox Hollow Road
Oxford CT 06478
T: 1 888-355-3868
T: 1 203-790-4774
F: 1 203-792-3406
E: sales@adamequipment.com

www.adamequipment.com

Adam Equipment follows a policy of continuous improvement and reserves the right to change specification and pricing without notice. Adam Equipment's standard terms and conditions of sale apply. Errors and omissions excepted.