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" colour touch-screen display provides intuitive operation, with icon-driven menus and readily accessible applications.
Comprehensive Results

*All data displays readily*
- Measurements appear in seconds with all pertinent data for the active application
- Perform statistics 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 colour touchscreen display
- Set different user preferences and customise 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 2100g, with 0.001g and 3200g to 8200g with 0.01g readability
Functions that make the Equinox an outstanding value

**Checkweighing**
Enhanced consistency for products and batches by verifying if the weight of a particular item is above, below or at a user selectable 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/ Recipe**
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 Unique unit weight calculations.

**Features**
- Large 5” 800x480 full colour intuitive 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
- 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
### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>EAB 125i</th>
<th>EAB 225i</th>
<th>EAB 124i</th>
<th>EAB 224i</th>
<th>EAB 314i</th>
<th>EAB 224i</th>
<th>EAB 314i</th>
<th>EAB 414i</th>
<th>EAB 514i</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>62g / 120g</td>
<td>82g / 220g</td>
<td>120g</td>
<td>220g</td>
<td>310g</td>
<td>120g</td>
<td>220g</td>
<td>310g</td>
<td>410g</td>
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<tr>
<td><strong>Readability</strong></td>
<td>0.01mg/ 0.1mg</td>
<td>0.01mg/ 0.1mg</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
<td>0.001g</td>
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<tr>
<td><strong>Repeatability (S.D.)</strong></td>
<td>0.02mg/ 0.1mg</td>
<td>0.02mg/ 0.1mg</td>
<td>0.002g</td>
<td>0.002g</td>
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<td>0.002g</td>
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<tr>
<td><strong>Linearity (+/-)</strong></td>
<td>0.1mg/ 0.2mg</td>
<td>0.1mg/ 0.2mg</td>
<td>0.0003g</td>
<td>0.0003g</td>
<td>0.0003g</td>
<td>0.0003g</td>
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<tr>
<td><strong>Pan Size</strong></td>
<td>80mm ø</td>
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</table>

### Accessories

<table>
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<tr>
<th>Item number</th>
<th>Description</th>
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<tr>
<td>01000036</td>
<td>Anti-vibration table</td>
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<tr>
<td>01000046</td>
<td>In-use wet cover</td>
</tr>
<tr>
<td>010000115</td>
<td>AT thermal printer</td>
</tr>
<tr>
<td>010000282</td>
<td>AdamDU Data Collection Program</td>
</tr>
</tbody>
</table>

### Additional Information

- **Model EAB 125i EAB 225i EAB 124i EAB 224i EAB 314i 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, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g
  - **Repeatability (S.D.)**: 0.02mg/ 0.1mg, 0.02mg/ 0.1mg, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g
  - **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**: 80mm ø

- **Model EPB 363e EPB 723e ETB 3202e ETB 8202e EPB 363i EPB 723i EPB 1203i EPB 2103i ETB 3202i ETB 6202i**
  - **Capacity**: 360g, 720g, 3200g, 6200g, 360g, 720g, 1200g, 2100g, 3200g, 6200g
  - **Readability**: 0.001g, 0.001g, 0.01g, 0.01g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g
  - **Repeatability (S.D.)**: 0.002g, 0.002g, 0.02g, 0.02g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g
  - **Linearity (+/-)**: 0.003g, 0.003g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g
  - **Pan Size**: 110mm ø, 185x185mm, 110mm ø, 185x185mm

- **Operating Temperature**: 10°C to 30°C
- **Housing**: ABS plastic
- **Draft Shield**: Chamber 192x195x230mm
- **Overall Dim.**: 224x374x338mm (wxdxh)
- **Net Weight**: 7.2kg

- **Model EPB 363e EPB 723e ETB 3202e ETB 8202e EPB 363i EPB 723i EPB 1203i EPB 2103i ETB 3202i ETB 6202i**
  - **Capacity**: 360g, 720g, 3200g, 6200g, 360g, 720g, 1200g, 2100g, 3200g, 6200g
  - **Readability**: 0.001g, 0.001g, 0.01g, 0.01g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g, 0.001g
  - **Repeatability (S.D.)**: 0.002g, 0.002g, 0.02g, 0.02g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g, 0.002g
  - **Linearity (+/-)**: 0.003g, 0.003g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g, 0.03g
  - **Pan Size**: 110mm ø, 185x185mm, 110mm ø, 185x185mm

- **Operating Temperature**: 10°C to 30°C
- **Housing**: ABS plastic
- **Draft Shield**: Chamber 192x195x115mm
- **Overall Dim.**: 224x374x219mm (wxdxh)
- **Net Weight**: 6.6kg