

## Eclipse® Precision & Analytical Balances



Designed for advanced scientists and researchers, the Eclipse occupies minimal space on the laboratory work bench, yet maintains optimal performance. Its elegant illuminated capacitive touch keypad provides highly efficient operation and an increased lifespan of the balance. When a key is pressed, the pad responds immediately, even if the technician is wearing protective gloves. The smooth surface allows fingerprints and spills to be wiped off easily. With fewer parts than a traditional force motor balance, the Eclipse's weighing sensor provides highly efficient mechanics plus improved electronic processing power, leading to superior performance. Other standard features include solid metal housing, adjustable levelling feet, USB and RS-232 interfaces and a large backlit LCD.

### Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Selectable digital filtering for animal/dynamic weighing delivers stable results for moving subjects
- External calibration allows for verification and adjustment with weights
- Large, grade 304 stainless steel pan allows easy cleaning
- Robust metal housing protects internal components in harsh environments
- Level indicator and adjusting feet ensure proper balance setup for optimum weighing results
- Illuminated capacity touch keypad provides smooth operation and can be wiped down for added durability

### Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Checkcounting
- Dynamic / animal weighing
- Accumulation of weight
- Density determination



## Accessories

Item number	Description
• 104008036	Anti-vibration table
• 2011013014	Density kit for 90mm and 120mm pan
• 2011013015	Density kit for 160mm pan
• 3012313008	Dust cover for top loaders
• 3012313009	In-use cover for 90mm pan
• 3012313010	In-use cover for 120mm pan
• 3012313011	In-use cover for 160mm pan
• 3012313012	In-use cover for 300mm x 400mm

Model w/ext	EBL 104e	EBL 164e	EBL 214e	EBL 254e	EBL 314e
Model w/int	EBL 104i	EBL 164i	EBL 214i	EBL 254i	EBL 314i
<b>Capacity</b>	100g	160g	210g	250g	310g
<b>Readability</b>	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
<b>Tare Range</b>	Full range				
<b>Pan Size</b>	90mm ø				
<b>Weighing Units</b>	g, mg, ct, GN, dr, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, ti, T, custom unit				
<b>Calibration</b>	External calibration / Internal automatic calibration				
<b>Display</b>	Backlit LCD with capacity tracker with 24mm-high digits				
<b>Power Supply</b>	18VDC 50/60Hz 800mA adapter				
<b>Draught Shield</b>	Chamber 165x145x240mm				
<b>Overall Dim.</b>	220x340x344mm (wxdxh)				

Model w/ext	EBL 223e	EBL 423e	EBL 623e	EBL 823e	EBL 1023e	EBL 1623e
Model w/int	EBL 223i	EBL 423i	EBL 623i	EBL 823i	EBL 1023i	EBL 1623i
<b>Capacity</b>	220g	420g	620g	820g	1020g	1620g
<b>Readability</b>	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g
<b>Tare Range</b>	Full range					
<b>Pan Size</b>	120mm ø			160mm ø		
<b>Weighing Units</b>	g, kg, ct, GN, N, dr, lb, oz, ozt, dwt, mm, tl.T, tl.H, tl.S, ti, T, custom unit					
<b>Calibration</b>	External calibration / Internal automatic calibration					
<b>Display</b>	Backlit LCD with capacity tracker with 24mm-high digits					
<b>Power Supply</b>	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery			18VDC 50/60Hz 800mA adapter		
<b>Draught Shield</b>	Round 180mm ø x 110mm					
<b>Overall Dim.</b>	220x310x270mm (wxdxh)					