

# Eclipse®



new

# Eclipse<sup>®</sup> Precision & Analytical Balances



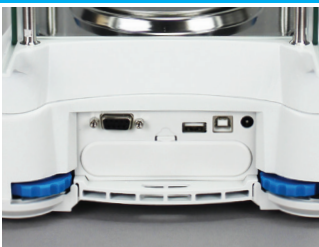
Designed for advanced scientists and researchers, the Eclipse occupies minimal space on the laboratory work bench, yet maintains optimal performance. Its elegant illuminated capacitive touch keypad provides highly efficient operation and an increased lifespan of the balance. When a key is pressed, the 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)					



## Accessories

- **Item number** **Description**
- 1120011156 ATP Adam thermal printer
- 3126011263 Thermal paper for item no. 1120011156 ATP printer
- 3126011281 Thermal paper for item no. 1120011156-ATP printer (pack of 10)
- 3014011014 RS-232 cable
- 600002028 Adam DU data collection program
- 3074010267 USB cable
- 3011413013 Weigh-below hook
- 3012313007 Dust cover for 0.1mg balances



Model w/ext	EBL 1602e	EBL 2602e	EBL 3602e	EBL 4602e	EBL 6202e	EBL 4201e
Model w/int	EBL 1602i	EBL 2602i	EBL 3602i	EBL 4602i	EBL 6202i	
<b>Capacity</b>	1600g	2600g	3600g	4600g	6200g	4200g
<b>Readability</b>	0.01g	0.01g	0.01g	0.01g	0.01g	0.1g
<b>Tare Range</b>	Full range					
<b>Pan Size</b>	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					
<b>Overall Dim.</b>	220x310x89mm (wxdxh)					

Model	EBL 6201e	EBL 8201e	EBL 12001e	EBL 16001e	EBL 22001e	EBL 32001e
<b>Capacity</b>	6200g	8200g	12000g	16000g	22000g	32000g
<b>Readability</b>	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
<b>Tare Range</b>	Full range					
<b>Pan Size</b>	160mm ø		300x400mm			
<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					
<b>Display</b>	Backlit LCD with capacity tracker with 24mm-high digits					
<b>Power Supply</b>	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery					
<b>Overall Dim.</b>	220x310x89mm (wxdxh)			401x460x102mm (wxdxh)		

“i” versions include internal calibration

“e” versions are external calibration