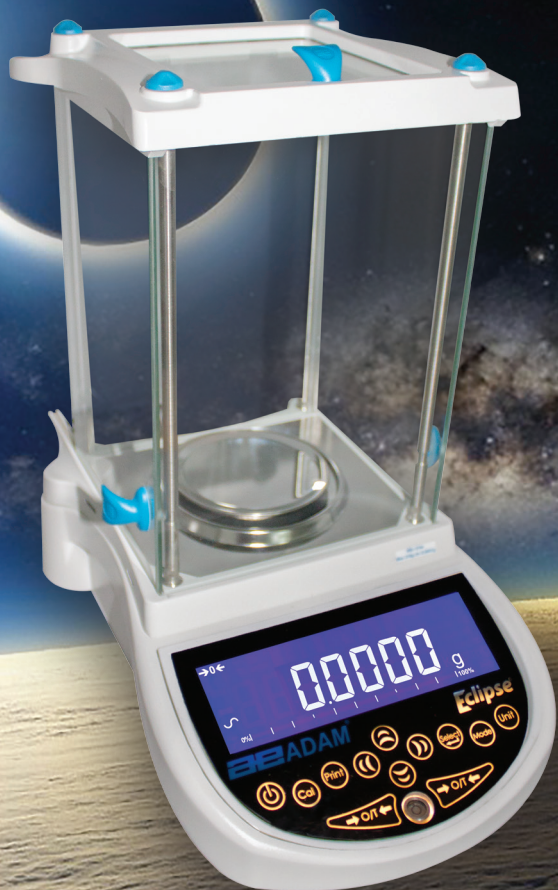


Eclipse®



new

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
Capacity	100g	160g	210g	250g	310g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.0001g
Tare Range	Full range				
Pan Size	90mm ø				
Weighing Units	g, mg, ct, GN, dr, oz, ozt, dwt, mm, tL.T, tL.H, tL.S, ti, T, custom unit				
Calibration	External calibration / Internal automatic calibration				
Display	Backlit LCD with capacity tracker with 24mm-high digits				
Power Supply	18VDC 50/60Hz 800mA adapter				
Draught Shield	Chamber 165x145x240mm				
Overall Dim.	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
Capacity	220g	420g	620g	820g	1020g	1620g
Readability	0.001g	0.001g	0.001g	0.001g	0.001g	0.001g
Tare Range	Full range					
Pan Size	120mm ø			160mm ø		
Weighing Units	g, kg, ct, GN, N, dr, lb, oz, ozt, dwt, mm, tL.T, tL.H, tL.S, ti, T, custom unit					
Calibration	External calibration / Internal automatic calibration					
Display	Backlit LCD with capacity tracker with 24mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery			18VDC 50/60Hz 800mA adapter		
Draught Shield	Round 180mm ø x 110mm					
Overall Dim.	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



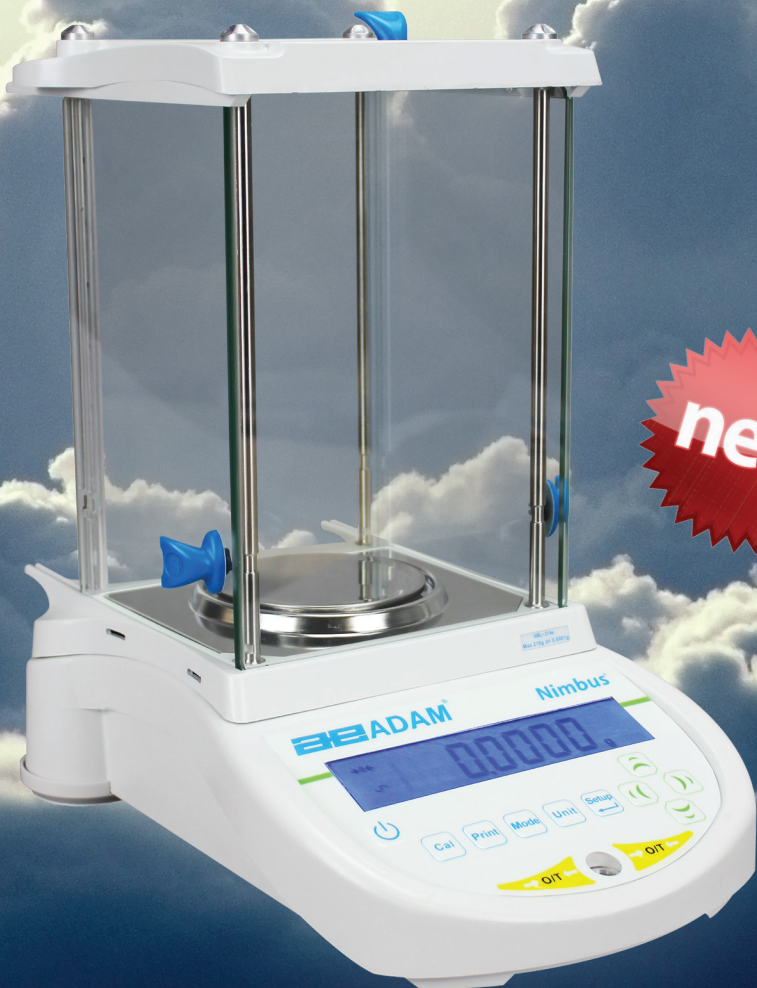
Model w/ext	EBL 1602e	EBL 2602e	EBL 3602e	EBL 4602e	EBL 6202e	EBL 4201e
Model w/int	EBL 1602i	EBL 2602i	EBL 3602i	EBL 4602i	EBL 6202i	
Capacity	1600g	2600g	3600g	4600g	6200g	4200g
Readability	0.01g	0.01g	0.01g	0.01g	0.01g	0.1g
Tare Range	Full range					
Pan Size	160mm ø					
Weighing Units	g, kg, ct, GN, N, dr, lb, oz, ozt, dwt, mm, tLT, tLH, tLS, ti, T, custom unit					
Calibration	External calibration / Internal automatic calibration					
Display	Backlit LCD with capacity tracker with 24mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery					
Overall Dim.	220x310x89mm (wxh)					

Model	EBL 6201e	EBL 8201e	EBL 12001e	EBL 16001e	EBL 22001e	EBL 32001e
Capacity	6200g	8200g	12000g	16000g	22000g	32000g
Readability	0.1g	0.1g	0.1g	0.1g	0.1g	0.1g
Tare Range	Full range					
Pan Size	160mm ø		300x400mm			
Weighing Units	g, kg, ct, GN, N, dr, lb, oz, ozt, dwt, mm, tLT, tLH, tLS, ti, T, custom unit					
Calibration	External calibration					
Display	Backlit LCD with capacity tracker with 24mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery					
Overall Dim.	220x310x89mm (wxh)			401x460x102mm (wxh)		

“i” versions include internal calibration

“e” versions are external calibration

Nimbus[®]



new

Nimbus® Precision & Analytical Balances



Designed for scientists, the Nimbus series of balances offers 15 models that deliver a full range of precision readabilities, from 0.1 mg to 0.1g. Innovative design enables a reduction of the balance's footprint, so it occupies less space in the laboratory but retains the highest level of performance. A single piece of extruded aluminum forms the balance base. The aluminum provides superior thermal transfer for a more regulated temperature, while the solid core is rigid, offering greater stability and enabling highly accurate results. The weighing system is fabricated using hardened materials, helping the Nimbus tolerate rigorous laboratory use. Crafted from a single block, the weighing sensor in the Nimbus contains fewer parts than a traditional force motor balance. Highly efficient mechanics plus improved processing power of the electronics leads to more accurate results.

Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Robust metal housing protects internal components in harsh environments
- USB and RS-232 interfaces provide easy communication with computers and printers
- External calibration allows for verification and adjustment with weights
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Large, grade 304 stainless steel pan allows easy cleaning

Applications

- Weighing
- Parts counting
- Percentage weighing
- Dynamic / animal weighing
- 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
• 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	NBL 84e	NBL 124e	NBL 164e	NBL 214e	NBL 223e	NBL 423e
Capacity	80g	120g	160g	210g	220g	420g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.001g	0.001g
Tare Range	Full range					
Pan Size	90mm Ø				120mm Ø	
Weighing Units	g, mg, ct, GN, oz, ozt, dwt, custom unit					
Calibration	External calibration					
Display	Backlit LCD with 20mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter					
Operating Temperature	15° to 35°C					
Draught Shield	Chamber 165x145x240mm				Round 180mm Ø x 110mm	
Overall Dim.	220x340x344mm (wxdxh)				220x310x270mm (wxdxh)	

Model	NBL 2602e	NBL 3602e	NBL 4602e	NBL 4201e	NBL 6201e	NBL 8201e
Capacity	2600g	3600g	4600g	4200g	6500g	8200g
Readability	0.01g	0.01g	0.01g	0.1g	0.1g	0.1g
Tare Range	Full range					
Pan Size	160mm Ø					
Weighing Units	g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit					
Calibration	External calibration					
Display	Backlit LCD with 20mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery					
Operating Temperature	15° to 35°C					
Overall Dim.	220x310x89mm (wxdxh)					

Model	NBL 12001e	NBL 16001e	NBL 22001e
Capacity	12000g	16000g	22000g
Readability	0.1g	0.1g	0.1g
Tare Range	Full range		
Pan Size	400x300mm		
Weighing Units	g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit		
Calibration	External calibration		
Display	Backlit LCD with 20mm-high digits		
Power Supply	18VDC 50/60Hz 800mA adapter / Internal rechargeable battery		
Operating Temperature	15° to 35°C		
Overall Dim.	401x460x102mm (wxdxh)		

Model	NBL 84i-M	NBL 124i-M	NBL 164i-M	NBL 214i-M	NBL 223i-M	NBL 423i-M
Capacity	80g	120g	160g	210g	220g	420g
Readability	0.0001g	0.0001g	0.0001g	0.0001g	0.001g	0.001g
Tare Range	Full range					
Pan Size	90mm ø				120mm ø	
Weighing Units	g, mg, ct, GN, oz, ozt, dwt, custom unit				g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit	
Calibration	Internal automatic calibration					
Display	Backlit LCD with 20mm-high digits					
Power Supply	18VDC 50/60Hz 800mA adapter					
Operating Temperature	15° to 35°C					
Draught Shield	Chamber 165x145x240mm				Round 180mm ø x 110mm	
Overall Dim.	220x340x344mm (wxdxh)				220x310x270mm (wxdxh)	
Approvals	EC type approval					

Model	NBL 1023i-M	NBL 1623i-M	NBL 2602i-M	NBL 3602i-M	NBL 4602i-M
Capacity	1020g	1620g	2600g	3600g	4600g
Readability	0.001g	0.001g	0.01g	0.01g	0.01g
Tare Range	Full range				
Pan Size	160mm ø				
Weighing Units	g, kg, ct, GN, N, lb, oz, ozt, dwt, custom unit				
Calibration	Internal automatic calibration				
Display	Backlit LCD with 20mm-high digits				
Power Supply	18VDC 50/60Hz 800mA adapter				
Operating Temperature	15° to 35°C				
Draught Shield	Round 180mm ø x 110mm		N/A		
Overall Dim.	220x310x270mm (wxdxh)		220x310x89mm (wxdxh)		
Approvals	EC type approval				