



Tailor-made for advanced scientists and researchers, the Eclipse series comprises 23 analytical and precision models, offering capacities of 32,000g and readabilities of 0.0001g. A noteworthy feature is the Eclipse's elegant capacitive touch keypad, which is a valuable addition for myriad reasons. While it is designed to be aesthetically pleasing, the real benefits are highly efficient operation and an increased lifespan of the balance. When a key is pressed, the pad responds and reacts immediately, whether the technician is barehanded or wearing protective gloves. The keypad's smooth surface allows fingerprints, grime and spills to be wiped off easily. A large display shows two full lines of white text on a black background, with seven digits of 18mm character height to produce exceptional visibility. The Eclipse's innovative design results in a compact footprint, so the balance occupies minimal space on the laboratory work bench while retaining a high level of performance. Its base is formed using a single piece of extruded aluminum, a material that provides superior temperature regulation. The single-piece construction offers greater stability, enabling highly repeatable results. Containing fewer parts than a traditional force motor balance, the weighing sensor features an optimized internal mechanism fabricated of hardened materials, helping the Eclipse tolerate rigorous laboratory use. Highly efficient mechanics, plus improved processing power of the electronics, leads to superior performance.

## Fully featured series – our most intuitive balance to date



### Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Capacity tracker built into display for easily monitoring possible overloads
- Programmable backlight can be set to “always on,” “always off” or “light only when weighing”
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Removable draft shield on models with 0.001g readability helps to reduce errors caused by air currents
- Robust metal housing protects internal components in harsh environments
- Sealed keypad protects against dirt and spills
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- The illuminated capacitive touch keypad provides responsive operation, and its durable, smooth surface can be easily wiped down
- External calibration allows for verification and adjustment with weights
- Multilingual display permits use in various regions
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Security password control prevents unauthorized access
- Selectable digital filtering for animal/dynamic weighing delivers stable results for moving subjects
- Selectable digital filtering helps minimize effects of vibration and disturbances
- AC adapter included

### Applications

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

### About ADAM:

For more than 40 years, professionals worldwide have relied on Adam Equipment for an extensive selection of dependable and affordable weighing equipment. Adam provides the right balance of speed, performance and value.

Model	EBL 104e	EBL 164e	EBL 214e	EBL 254e	EBL 314e
Model w/Int cal	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>Pan Size</b>	3.5" ø / 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>Stabilization Time (sec)</b>	5				
<b>Interface</b>	RS-232, USB				
<b>Calibration</b>	e models: External calibration		i models: Internal automatic calibration / External calibration		
<b>Display Digit Height</b>	0.9" / 24mm				
<b>Display</b>	Backlit LCD with capacity tracker				
<b>Power Supply</b>	18VDC 830mA adapter				
<b>Operating Temperature</b>	15° to 35°C / 59° to 95°F				
<b>Housing</b>	Die-cast aluminum				
<b>Draft Shield</b>	Chamber 6.5"x5.7"x9.4" / 165x145x240mm				
<b>Overall Dim.</b>	8.7"x13.4"x13.5" / 220x340x344mm (wxdxh)				
<b>Net Weight</b>	12.1lb / 5.5kg				

## Accessories

Item number	Description
104008036	Anti-vibration table
1060012713	Density kit for 3.5" ø / 90mm ø pan
3012313007	Dust cover for 0.1mg balances
3074010267	USB cable
3014011014	RS-232 cable
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
600002028	AdamDU data collection program
3014013041	Security lock cable
700660290	Calibration certificate
700100207	E2 1g to 200g Calibration Weight Set Includes case to store weights
700100022	E2 100g Calibration Weight
700100023	E2 200g calibration weight
700100232	E2 50g Calibration Weight

## Key Accessories



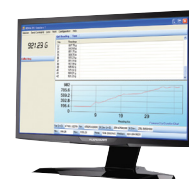
### Anti-vibration table

The AVT anti-vibration table offers a solid, stable surface to help decrease vibration during the operation of analytical or precision balances. The AVT can help reduce fluctuations and inconsistency in measurement resulting from environmental affects.



### ATP thermal printer

Easy-to-use features combined with quick set-up equals a truly versatile thermal printer. A single push-button feed key and three easy-to-read LED indicators make operation simple.



### AdamDU data collection program

Adam DU software connects a balance to the laboratory network, helping to achieve seamless data collection, transfer and analysis. DU features an easy-to-use interface with a main command window, allowing users to quickly collect information from up to eight Adam balances simultaneously using RS-232 or USB connections.

Supplied by