



Eclipse precision balances offer capacities of 220g to 32000g and readabilities of 1mg, 0.01g and 0.1g. A capacitive touch keypad contains illuminated keys, which provide intuitive navigation of the balance's functions. Featuring one of the largest LCD readouts in the industry, the Eclipse displays sizeable white digits on a dark background, ensuring exceptional visibility. Clear, discernible symbols and multilingual text enable easy operation, while prompts simplify even the most complex activities. Small pan precision models have a compact footprint, so the balance occupies minimal space on the laboratory work bench. Connectivity, whether it's basic data printing or advanced communication with a LIMS, is achieved with USB and RS-232 interfaces. Printouts with time, date, and other information are provided to comply with GLP requirements. Eclipse models offer the choice of internal or external calibration.

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 easy cleaning
- Overload protection helps prevent damage to internal components
- Removable draught 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 allows use in many different countries
- Printouts include date and time for data tracking within Good Laboratory Practices (GLP) guidelines
- Security password control prevents unauthorised access
- Selectable digital filtering helps minimise effects of vibration and disturbances
- AC adapter included

Applications

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

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 - External Calibration | EBL 223e | EBL 423e | EBL 623e | EBL 823e | EBL 1602e | EBL 2602e | EBL 3602e | EBL 4602e | EBL 6202e |
|------------------------------|--|----------|----------|------------------|-----------|-----------|-----------|-----------|-----------|
| Model - Internal Calibration | EBL 223i | EBL 423i | EBL 623i | EBL 823i | EBL 1602i | EBL 2602i | EBL 3602i | EBL 4602i | EBL 6202i |
| Capacity | 220g | 420g | 620g | 820g | 1600g | 2600g | 3600g | 4600g | 6200g |
| Readability | 0.001g | 0.001g | 0.001g | 0.001g | 0.01g | 0.01g | 0.01g | 0.01g | 0.01g |
| Repeatability (S.D.) | 0.002g | 0.002g | 0.002g | 0.002g | 0.02g | 0.02g | 0.02g | 0.02g | 0.02g |
| Linearity (+/-) | 0.003g | | | | 0.03g | | | | |
| Pan Size | 4.7" ø / 120mm ø | | | 6.3" ø / 160mm ø | | | | | |
| Draught Shield | Round 7.1" ø x 4.3" / 180mm ø x 110mm | | | | N/A | | | | |
| Overall Dim. | 8.7"x12.2"x10.6" / 220x310x270mm (wxdxh) | | | | | | | | |
| Net Weight | 9.9lb / 4.5kg | | | | | | | | |

| Model | EBL 4201e | EBL 6201e | EBL 8201e | EBL 12001e | EBL 16001e | EBL 22001e | EBL 32001e |
|-----------------------------|--|-----------|-----------|--|------------|---|------------|
| Model w/ pillar | | | | EBL 12001P | EBL 16001P | EBL 22001P | EBL 32001P |
| Capacity | 4200g | 6200g | 8200g | 12000g | 16000g | 22000g | 32000g |
| Readability | 0.1g | | | | | | |
| Repeatability (S.D.) | 0.2g | | | | | | |
| Linearity (+/-) | 0.3g | | | 0.4g | | | |
| Pan Size | 6.3" ø / 160mm ø | | | 15.7"x11.8" / 400x300mm | | | |
| Draught Shield | N/A | | | | | | |
| Overall Dim. | 8.7"x12.2"x3.5" / 220x310x89mm (wxdxh) | | | e = 15.8"x18.1"x4" / 401x460x102mm (wxdxh) | | p = 15.8"x19.7"x23.6" / 401x500x600mm (wxdxh) | |
| Net Weight | 9.9lb / 4.5kg | | | 16.1lb / 7.3kg | | | |

| Common Features | |
|---------------------------------|--|
| Weighing Units | g, kg, ct, GN, N, dr, lb, oz, ozt, dwt, mm, tL,T, tL,H, tL,S, ti, T, custom unit |
| Stabilisation Time (sec) | 3 |
| Interface | RS-232, USB |
| Calibration | e = External calibration i = Internal automatic calibration / External calibration |
| Display | Backlit LCD with capacity tracker with 0.9" / 24mm -high digits |
| Power Supply | 18VDC 50/60Hz 830mA adapter |
| Operating Temperature | 15° to 35°C |
| Housing | Extruded aluminum base with a die-cast aluminum case |

Accessories

| Item number | Description |
|-------------|---|
| 104008036 | Anti-vibration table |
| 3074010267 | USB cable |
| 1060012714 | Density kit for 120mm ø and 160mm ø pan |
| 3012013012 | In-use wet cover for 400x300mm pan |
| 1120011156 | ATP thermal printer |
| 3126011263 | ATP thermal printer paper |
| 3126011281 | ATP thermal printer paper (pack of 10) |
| 3014011014 | RS-232 cable M-F |
| 600002028 | Adam DU data collection program |
| 302126013 | Weigh-below hook for 400x300mm pan |
| 3021210953 | Weigh-below hook |
| 700660290 | Calibration certificate |
| 3014013041 | Security cable |
| 700100008 | F1 500g Calibration Weight |
| 700100007 | F1 100g Calibration Weight |
| 700100009 | F1 1kg Calibration Weight |
| 700100012 | F1 200g Calibration Weight |
| 700100010 | F1 2kg Calibration Weight |
| 700100013 | F1 5kg Calibration Weight |
| 700100209 | F1 2 x 5kg Calibration Weight |
| 700100232 | E2 50g Calibration Weight |

Key Accessories



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.

Supplied by