Eclipse® Precision Balances

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.

www.adamequipment.com
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 - External Calibration
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 (+/-)
0.4g

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, d, oz, ozt, dwt, mm, t, T, custom unit
- Stabilisation Time (sec): 3
- Interface: RS-232, USB
- Calibration: e = External calibration  i = Internal 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
www.adamequipment.com

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