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.

Eclipse® Precision Balances

ADAM®

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

www.adamequipment.com