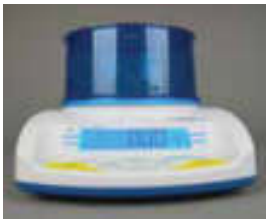
Highland® Portable Precision Balances



Adam Equipment's Highland balances have what it takes for lab work, field use, and various education and industrial applications. They feature multiple weighing units, RS-232 and USB interfaces, rechargeable battery and AC operation, capacity tracker, adjustable feet and level, lock down and more. Density and specific gravity determination are easy with the below balance weighing feature, and the removable draft shield eliminates wind disturbances outdoors or in drafty environments. ShockProtect™ overload protection keeps the performance of the Highland safe and secure, and the HandiCal™ internal calibration weight provides reliable readings time after time. With built in applications for parts counting, percentage weighing and totalisation / accumulation, Highland balances are packed full of useful features.

Full of features, the Highland is an exceptional value in precision weighing







Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to "always on," "always off" or "light only when weighing"
- Capacity tracker built into display for easily monitoring possible overloads
- Balances stack efficiently and safely to save space (120mm pan size only)
- Colour-coded keys facilitate quick recognition of the most frequently used buttons
- Dual tare keys facilitate operation with either the left or right hand
- Level indicator and adjustable feet ensure proper balance setup for optimum weighing results
- Security slot for optional Kensington-type lock and cable to help prevent theft
- Large, grade 304 stainless steel pan allows easy cleaning
- Solid ABS housing is durable for industrial uses
- Three-point ShockProtect® feature helps prevent overload damage to internal components
- Hook included for weighing below the balance
- Internal calibration eliminates need for external weight set
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Audible overload alarm warns when capacity has been exceeded
- External calibration allows for verification and adjustment with weights
- Selectable digital filtering helps minimise effects of vibration and disturbances
- Parts counting with preset sample sizes
- Memory accumulation totals results
- Zero-tracking feature ensures display returns to zero reading
- AC adapter included
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

Applications

- Weighing
- Parts counting
- Percentage weighing
- 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.

Highland® Portable Precision Balances

Model	HCB 123	HCB 153	HCB 302	HCB 602	HCB 602H	HCB 1002	HCB 1502	HCB 2202	HCB 3001	HCB 6001
Capacity	120g	150g	300g	600g	600g	1000g	1500g	2200g	3000g	6000g
Readability	0.001g	0.005g	0.01g	0.02g	0.01g	0.01g	0.05g	0.01g	0.1g	0.1g
Repeatability (S.D.)	0.002g	0.005g	0.01g	0.02g	0.01g	0.01g	0.05g	0.03g	0.1g	0.2g
Linearity (+/-)	0.003g	0.01g	0.02g	0.04g	0.02g	0.02g	0.1g	0.06g	0.2g	0.4g
Pan Size	120mm ø									145mm ø
Weighing Units	g, lb, oz, N, GN, ct, dr, dwt, mm, ozt, T, tl.H, tl.S, tl.T									
Stabilisation Time (sec)	2									
Interface	RS-232, USB									
Calibration	External calibration / Internal manual calibration									
Display	Backlit LCD with 18mm-high digits									
Power Supply	12VDC 50/60Hz 800mA adapter / Internal rechargeable battery									
Operating Temperature	0° to 40°C									
Housing	ABS plastic									
Draught Shield	Round 132mm ø x 90mm									N/A
Overall Dim.	174x252x80mm (wxdxh)									
Net Weight	2kg									

Accessories

Item number	Description
308002042	Hard carrying case with lock for CQT/HCB
308232034	In-use cover (pack of 5)
308232035	In-use cover (pack of 10)
308232030	In-use cover
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
700400103	RS-232 cable
700100046	Kensington-type lock and cable
600002028	Adam DU data collection program
3074010267	USB cable
700660290	Calibration certificate
700100007	F1 100g Calibration Weight
700100012	F1 200g Calibration Weight
700100009	F1 1kg Calibration Weight
700100010	F1 2kg 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.



Kensington® Cable Lock

The security lock and cable fits the built-in lock attachment on balances and scales, and loops around an object to secure your balance in place. The flexible steel cable is difficult to cut, and the combination lock allows users to choose a combination number for added security.



Adam DU Software

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

www.adamequipment.com

Adam Equipment follows a policy of continuous improvement and reserves the right to change specification and pricing without notice. Adam Equipment's standard terms and conditions of sale apply. Errors and omissions excepted.

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