



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 draught shield eliminates wind disturbances outdoors or in draughty 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.

*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)
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- 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
- 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
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy

## Applications

- Weighing
- Parts counting
- Percentage weighing
- Dynamic / animal weighing
- Density determination
- Checkweighing
- Check counting
- Net total weighing

### About ADAM:

For more than 50 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.

## Product Details

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.)	0.0008g	0.005g	0.008g	0.01g	0.01g	0.01g	0.05g	0.01g	0.05g	0.05g
Linearity (+/-)	0.003g	0.01g	0.02g	0.02g	0.02g	0.02g	0.1g	0.03g	0.2g	0.2g
Minimum Weight (USP, typical)	0.02g	0.02g	0.02g	1g	0.5g	0.5g	1g	0.5g	20g	20g
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)	3	2	3	2			3	2		
Interface	RS-232 / USB									
Calibration	External calibration / Internal manual calibration									
Display	Backlit LCD with 18mm high digits									
Power Supply	12VDC 800mA adapter / Internal rechargeable battery									
Operating Temperature	0° to 40°C									
Housing	ABS plastic									
Draught Shield	132mm ø x 90mm									N/A
Overall Dimensions (WxDxH)	174 x 252 x 80mm									
Net Weight	2kg									

## Accessories

### Item Number .....Description

- 104008036..... AVT Anti-Vibration Table
- 3012014259..... In-use wet cover
- 700100046..... Kensington-type lock and cable
- 3014011014..... RS-232 cable
- 1120014641..... AIP Impact Printer
- 3126014659..... AIP printer paper
- 3126014660..... AIP printer paper (10 Pack)
- 1120015779..... ATP2 Thermal Printer
- 600002028..... AdamDU Data Collection Program
- 3021210953..... Weigh-below hook
- 700660290..... Calibration certificate

## Key Accessories



### Anti-Vibration Table

Our AVT anti vibration table offers a stable and solid surface for decreasing vibrations when weighing with a high precision balance or scale.



### 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.



### AdamDU Data Collection Program

Adam DU quickly collects information from up to eight Adam balances simultaneously. An easy-to-use interface with a main command window allows the user to view and manage data capture sessions.