Highland® HCB *Approved*
Portable Precision Balances

ADAM

Ideal for pharmacists, chemists, jewellers, and for use in other commercial applications, Highland approved balances offer important features and functions needed for applications requiring a legal-for-trade weighing device. With EC Type/OIML approvals, the new Highland balance offers multiple weighing units – carats, grams or kilograms – plus RS-232 and USB interfaces, rechargeable battery and AC operation, capacity tracker, and more. An innovative design conveniently allows multiple balances to be stacked for easy storage when space is limited.

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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
- Accumulation of weight

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.

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Product Details

Model	HCB 602M	HCB 1002M	HCB 5001M
Capacity	600g	1000g	5000g
Readability	d = 0.01g / e = 0.1g	d = 0.01g / e = 0.1g	d = 0.1g / e = 1g
Repeatability (S.D.)	0.02g	0.02g	0.2g
Linearity (+/-)	0.03g	0.03g	0.2g
Minimum Weight (USP, typical)	0.5g	0.5g	20g
Pan Size	120mm ø		
Weighing Units	g, kg ct		
Stabilisation Time (sec)	2		
Interface	RS-232 / USB		
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		
Overall Dimensions (WxDxH)	174 x 252 x 80mm		
Net Weight	2kg		
Approval	EC Type 3041		

Accessories

Item Number .... Description

308002042 .... Hard carrying case with lock
308232030 .... In-use cover
308232034 .... In-use cover (pack of 5)
308232035 .... In-use cover (pack of 10)
1129915779 .... ATP2 Thermal Printer
3126011263 .... ATP2 paper
3126011281 .... ATP2 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

ATP2 Thermal Printer
The ATP2 is a compact general purpose thermal roll printer that connects via RS-232 interface to Adam scales and balances.

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.