



NTEP-approved meets Class II requirements for legal-for-trade applications

With NTEP approval, Highland approved balances are suitable for use in labs or numerous commercial operations. Highland contains practical features that simplify lab work; bioscience research; pharmaceutical testing; jewelry measurement; or any legal-for-trade weighing application. The Highland approved balance is powered by AC adapter or rechargeable battery, so it operates in settings where electricity is not readily available. A built-in security slot for a Kensington-type lock and cable helps keep the balance safe. Other features include multiple weighing units; RS-232 and USB interfaces; and capacity tracker

Standard 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
- Dual tare keys operate 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 swift cleaning
- Solid ABS housing is durable for industrial use
- Three-point ShockProtect® feature helps prevent overload damage to internal components
- Hook included for weighing below the balance
- USB and RS-232 interfaces provide speedy communication with computers and printers
- Audible overload alarm warns when capacity is exceeded
- Selectable digital filtering helps minimize effects of vibration and disturbances
- Parts counting with preset sample sizes
- Memory accumulation totals results
- Zero-tracking feature ensures display returns to zero reading
- EC type and OIML approved
- AC adapter included
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy





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Model	HCB 103aM	HCB 302aM	HCB 602aM	HCB 1202aM	HCB 3001aM	HCB 5001aM
Capacity	100g	300g	600g	1200g	3000g	5000g
Readability	d=0.001g e=0.01g	d=0.05g e=0.05g	d=0.01g e=0.1g	d=0.01g e=0.1g	d=0.5g e=0.5g	d=0.5g e=0.5g
Repeatability (S.D.)	0.002g	0.1g	0.02g	0.02g	1g	1g
Linearity (=/-)	0.003g	0.1g	0.02g	0.02g	1g	1g
Pan Size	4.7" Ø / 120 Ø					
Weighing Units	G, ct, kg, lb, oz, ozt, GN					
Stabilization Time	2 secs					
Interface	RS-232, USB					
Calibration	N/A					
Display	Backlit LCB with 0.7" / 18mm -high digits					
Power Supply	12VDC @ 800mA adapter Internal rechargeable battery					
Operating Temp	15° to 35°C / 35° to 95°F					
Housing	ABS plastic					
Draft Shield	Round 5.2" Ø x 3.5" / 132mm Ø x 90mm					
Weight	4.4-lb / 2kg					
Overall Dim	6.9" x 9.9" x 3.1" / 174x252x80mm (wxdxh)					
Approvals	NTE 18-004					