



Core Compact Portable Balances

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LOCATIONS

WEST COAST

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EAST COAST

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Features

- 9 weighing units
- Full range tare
- Zero Tracking
- Simple 4 button operation
- Backlit LCD display
- Stainless steel pan
- Shock Protect \boxtimes overload three-point protection.
- Can be stacked for storage (120mm pan size only)
- Lock down mounting slot for Kensington™ type lock and cable.
- Dual tare keys
- Lightweight and portable
- Modern low-profile design
- Colour coded, sealed keypad.
- Low cost and simple to use.
- External calibration
- Battery power (6 x AA Batteries)
- Auto sleep / power down function to save battery life.
- AC Adapter

SEPOR#	MODEL#	CAPACITY	READABILITY	PAN SIZE	WEIGHT
100D-401	CQT 202	200g	0.01g	4.7"/120mm	1.98lbs
100D-402	CQT 251	250g	0.1g	4.7"/120mm	1.98lbs
100D-403	CQT 601	600g	0.1g	4.7"/120mm	1.98lbs
100D-404	CQT 1501	1500g	0.1g	4.7"/120mm	1.98lbs
100D-405	CQT 2601	2600g	0.1g	5.7"/145mm	1.98lbs
100D-406	CQT 2000	2000g	1g	5.7"/145mm	1.98lbs
100D-407	CQT 5000	5000g	1g	5.7"/145mm	1.98lbs

HCB Portable Balance

The HCB Series of balances are lightweight, compact and portable – the HCB range of balances means precise weighing anywhere, at any time. Features include parts counting, percentage weighing and jewellery weighing functions. Provided with RS-232 interface, windshield, backlight, AC mains adapter and stainless steel weighing platform, all as standard.

HCB Precision Portable Balances



- Backlit LCD display
- 13 different weighing units
- Battery or AC power with automatic shut off (adapter supplied as standard)
- Auto calibration through the keypad
- Weighing, percent weighing and parts counting
- Stainless steel weighing pan
- Standard rectangular windshield
- Tare function

Power supply: 9 volt battery pack with VAC adapter for 110 V/1 Ph/60 Hz or 220 V/1 Ph/50-60 Hz

Catalog Number	Model	Capacity	Readability	Pan Size
100D-203	HCB 153	150g	0.005 g	116 mm
100D-207	HCB 302	300g	0.01 g	116 mm
100D-213	HCB 1502	1500g	0.05 g	144 x 124mm
100D-214	HCB 3001	3000g	0.1 g	144 x 124mm

HCB Precision Balances

Description:

Highland balances have what it takes for basic lab work, field use and various industrial applications. The HCB Series of precision balances are compact, portable balances with readability ranging from 3 decimal places (001) to one decimal place for larger loads 0.1g.



Features:

- 15 weighing units
- Zero Tracking
- Backlit LCD display
- Capacity tracker
- ShockProtect™ overload three-point protection
- Can be stacked for storage (120mm pan size only)
- Lock down mounting slot for Kensington™ type lock
- Removable draught shield (120mm pan size only)
- Stainless steel pan
- Non-slip adjustable leveling feet
- Below balance weighing with hanger

- Color coded, sealed keypad
- DC adapter
- External calibration
- Auto power off
- Low battery indication
- Full range tare
- Easy access to the rechargeable battery
- Dual tare keys
- RS-232 and USB interface

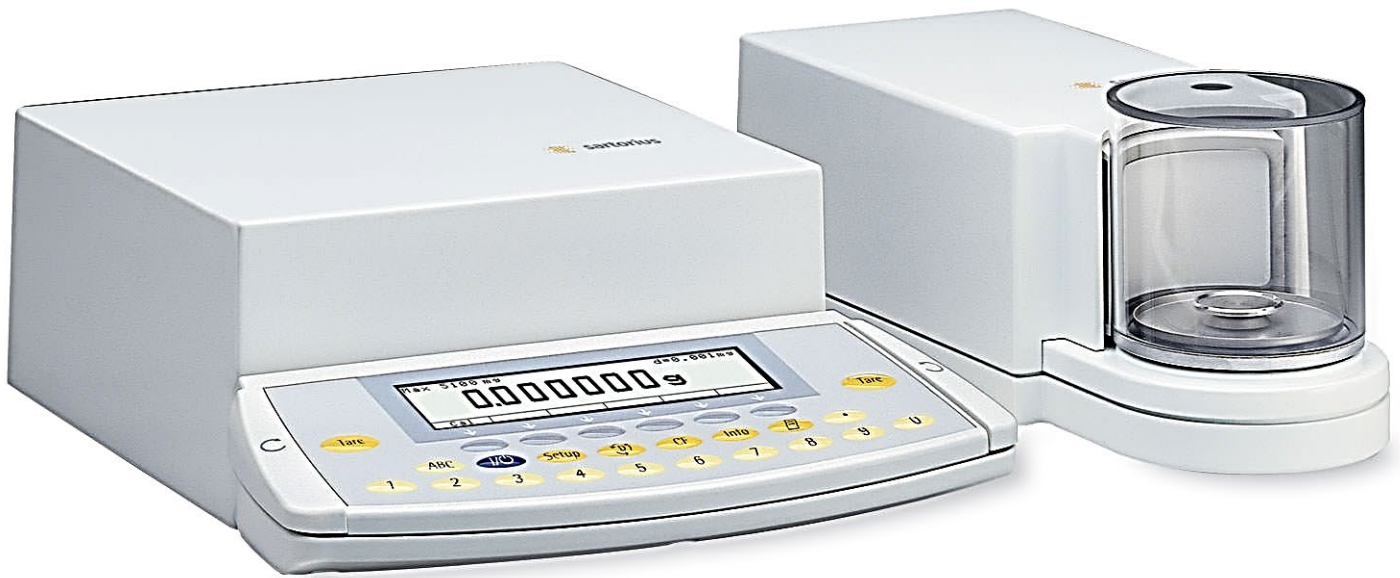
Catalog Number	Model No.	Capacity	Readability	Platform Size
100D-201	HCB 123	120g	0.001g	4.7"Ø/120mmØ
100D-203	HCB 153	150g	0.005g	4.7"Ø/120mmØ
100D-207	HCB 302	300g	0.01g	4.7"Ø/120mmØ
100D-208	HCB 602H	600g	0.01g	4.7"Ø/120mmØ
100D-209	HCB 602	600g	0.02g	4.7"Ø/120mmØ
100D-211	HCB 1002	1000g	0.01g	4.7"Ø/120mmØ
100D-213	HCB 1502	1500g	0.05g	4.7"Ø/120mmØ
100D-214	HCB 3001	3000g	0.1g	4.7"Ø/120mmØ
100D-215	HCB 6001	6000g	0.1g	5.7"

Micro Balance

Models MC 5, 5.1 g x 1 μ g

Description:

The MC5 will weigh up to 5g with 1 μ g readability. Stable readings within an ultra-fast 10 seconds, for maximum time savings with each weighing operation. Both the Sartorius SC2 and MC5 microbalances are the world's first to feature the EUREKA[®] air buoyancy correction software, allowing true mass measurement and compensation for fluctuations in air density. Built-in software simplifies back-weighing, and enables fast, error-free storage of tare weights, initial sample weights and calculation of the amounts back-weighed in any order you choose for as many as 50 samples. Sartorius has been the manufacturer of some of the world's finest balances since 1871 when they introduced the world's first pharmaceutical balance. Sartorius' excellent reputation and image in the technologically sophisticated field of weighing and balances make them a global leader.



Capacity x Readability (grams x μ g): 5.1 g x 1 μ g Repeatability, micrograms (standard deviation) \pm 1 μ g
Linearity, micrograms: \pm 4 μ g
Linearity: 0-500micrograms \pm 2 μ g

Response Time (average) : 10 seconds

Response Time in the IQ-mode (0.01%): 2.5 seconds Tare Range: 5.1 grams

Adaptation to ambient conditions & applications requirements by selection of 1 of 4 optimized filter levels

Display Update (depends on the filter level selected) 0.1 – 0.4 seconds

Operating Temperature Range 5° C to 40 ° C (41° F to 104° F), 85% RH or less Sensitivity Drift (5° – 40°C / 41°F–104°F) ± 1 ppm/°C

PanSize(mm/in): ø30mm/1.2in

Draft Shield Height: (mm / in) 122 mm / 4.8 in

Chamber Size (inches): ø 3.3" x 4.8" high

Chamber Opening (inches): 2.4" x 1.8"

Electronics Unit (W x D x H): 8.4" x 12" x 4.2"

Deviation of the readout when balance is tilted 1:1,000 ± 5 µg

Selectable Weight Units g, kg, ct, lb, oz, ozt, tlh, tls, tlt, GN, dwt, mg, /lb, tlc, mom, K, tol, bat, MS Selectable Application Programs Mass unit conversion by toggling, "EUREKA" air buoyancy correction program, differential weighing and back-weighing, density determination, tare memory, net total, weighing in percent, over / under check weighing (classification and filling) counting Automatic zero tracking function (can be turned off by menu code)

Standard feature Built-in Interface

RS-232 C-S/V24-V28, RS423 /V10; 7-bit; parity; even, odd; mark, space; Transmission rates: 150 ... 19,200 baud; 1 or 2 stop bits; software / hardware handshake

Calibration: Self Calibration "isoCAL" function External Calibration (Optional Wgt required) 5 gram Class 0

Power Source: AC Adapter 120 VAC included with scale

Standard Equipment

120V AC Adapter, level indicator, adjustable feet, RS-232, manual

Optional Accessories

Printer, Rechargeable external battery pack, Pipette calibration software, SartoConnect data transfer software, external calibration mass

Warranty: 3 years manufacturer's warranty Net Weight 28 LBS.

Moisture Balance



Description:

The PMB's fast response time and easy-to-use functionality make it the ideal moisture analyzer for a range of different applications. The automatic test setting function lets you quickly run multiple tests without additional user input and the built-in memories lets you store that data for future reference. The PMB offers smart features that have been developed to give you the ultimate performance for moisture analysis.

Features:

Built-in memory for storing products and settings 3 settings for heating sample include fast ramp up, step and standard Automatic test start setting for when the lid is closed

- Date and time
- Full range tare
- Zero Tracking
- Quick and easy to configure through the keypad
- Multilingual display
- Large backlit display with dual text prompts
- Capacity tracker
- Non-slip adjustable leveling feet
- Color coded, sealed keypad
- Large stainless steel pan
- Lock down mounting slot for Kensington™ type lock and cable
- Overload protection
- Splash proof to protect from accidental spills
- Spirit Level
- Single Halogen Lamp 400W
- RS-232 and USB interface
- Calibration facilities for temperature and weight
- Mains Power Cord
- Pan lifter to easily remove samples

Catalog Number	Model No.	Capacity	Readability	Pan Size
130D-120	PMB 53	50g	0.001g /0.01%	3.9" Ø / 100mm Ø
130D-125	PMB 202	200g	0.01g /0.05%	3.9" Ø / 100mm Ø

Moisture Balance – AMB



Description:

The AMB Series Moisture Balances are rugged, high quality and affordable. With capacities ranging from 50 g to 310 g, they can handle a wide variety of applications, such as minerals, chemicals, or food applications. The built in quartz halogen lamp will evaporate the moisture in most materials within a time frame of 5 to 15 minutes. The moisture content of almost any material can be determined efficiently and accurately with this balance. To use, simply place the pan on the weighing platform and adjust the tare to zero. Then place samples from a few grams up to 310 grams into the pan. Enter the drying parameters and press the start button. When the analysis is complete, the unit

displays % moisture. Percent moistures and percent solids are internally calculated to 0.001g and % moisture is displayed. Since the balance automatically records the weight before and after the moisture has been removed, there are fewer chances of errors induced due to handling, misreading weights, etc.

Balances can be ordered to operate on either 220V/1Ph/50Hz or 110 V/1 Ph/60 Hz current. Each balance has an LED digital readout, 100 mm diameter stainless steel weighing pan, RS232 data interface and external calibration.

Description	Capacity	Readability	Housing (mm) W x D x H	Shipping Weight
AMB-30 110, 220 V/1 Ph	50 g	0.001 g	175x300x190	15
AMB-11010, 220 V/1 Ph	110 g	0.001 g	175x300x190	17
AMB-310,10, 220 V/1 Ph	310 g	0.001 g	175x300x190	20

Nimbus Analytical Balances

Description:

Designed for scientists, the Nimbus series of balances offers a range of models that deliver a full breadth of precision readabilities. Innovative design enables a reduction of the balance footprint, so it occupies less space but retains the highest level of performance. A single piece of extruded aluminum forms the balance base. The aluminum provides superior thermal transfer for a more regulated temperature, while the solid core is more rigid, offering greater stability and enabling highly repeatable results.



Features:

- Backlit LCD display
- Color coded keys
- Level indicator with adjustable leveling feet
- Removable draft shield supplied on 0.001g readabilities
- Robust metal housing
- Sealed keypad
- External calibration

SEPOR#	MODEL#	CAPACITY	READABILITY	PAN SIZE	WEIGHT
100D-500	NBL 84e	80g	0.1mg	3.5"/90mm	11.6lbs
100D-501	NBL 124e	120g	0.1mg	3.5"/90mm	11.6lbs
100D-502	NBL164e	160g	0.1mg	3.5"/90mm	11.6lbs
100D-503	NBL 214e	210g	0.1mg	3.5"/90mm	11.6lbs
100D-504	NBL 254e	250g	0.1mg	3.5"/90mm	11.6lbs

TOP LOADING BALANCE

Models ADG 3000, 6000, 10,000



Description:

The ADG series of Balances are for precision weighing down to 1 decimal place, of between 3,000 g and 10,000 g. Balances feature automatic motorized internal calibration weight, GLP compliant print out, weighs in three modes, grams, carat, mg, large LCD digital display with sealed key pad, automatic Tare key, enclosed draft shield, die cast aluminum housing, 160 x 160 mm stainless steel weigh pan, RS 232 bi-directional interface. Manufacturer is ISO 9000 certified.

Dimensions are 90mm (H), 170 mm (W), 260 mm(D). Linearity of +/- 0.2 mg.

Power supply is external AC power, either 110 V/1 Ph/60 Hz, or 220 V/1 Ph/50 Hz.

Optional Battery Pack is available for remote operation. Optional density determination kit available for these balances.

Catalog Number	Model	Capacity	Readability
100D-230	ADG-3000	3000 g	0.1 g
100D-217	ADG-6000	6000 g	0.01 g

TOP LOADING BALANCE

Models ADK 10, 20



Description:

The ADK series of Balances are for precision weighing down to 0.1 g, with weights between 10 Kg and 20 Kg. Balances feature automatic motorized internal calibration weight, GLP compliant print out, weighs in three modes, grams, carat, mg, large LED digital display with sealed key pad, full range tare, push- button calibration, vacuum fluorescent display, die cast aluminum housing, 340 x 300 mm stainless steel weigh pan, RS 232 bi-directional interface. Manufacturer is ISO 9000 certified.

Dimensions are 160mm (H), 315 mm (W), 460 mm(D).

High capacity, high resolution (0.1g)

With all the basic features and no unnecessary extras these machines are ideal laboratory workhorses – the heavyweights of the precision weighing world. Heavy duty casings and stainless steel weighing pans ensure that the machines stand up to the rigors of routine daily use. Power supply is external AC power, either 110 V/1 Ph/60 Hz, or 220 V/1 Ph/50 Hz.

Optional Battery Pack is available for remote operation. Optional density determination kit available for these balances.

Catalog Number	Model	Capacity	Readability
100D	ADK-10	10,000 g	0.1 g
100D	ADK-20	20,000 g	0.1 g