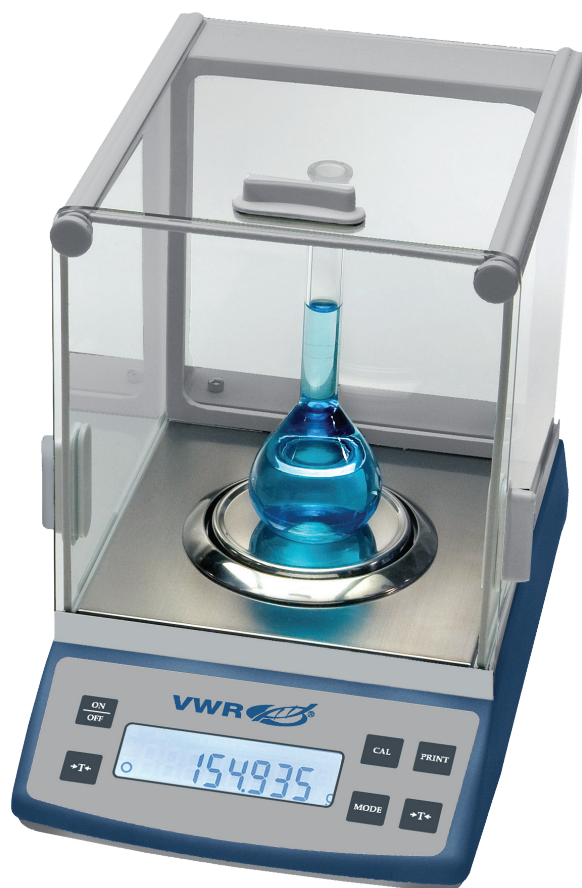


## VWR® B-Series

Analytical and Precision  
Balances

Rugged, Affordable  
and Reliable



## Analytical and Precision Balances

Rugged, Affordable Reliability for a Broad Range of Applications

**Bright Blue Liquid Crystal Display** makes the weighing results easy to view under all lighting conditions. The custom LCD provides the user with exacting prompts for easy set-up and calibrations.

**Simple Menu Operation.** Two large Tare keys provide quick, ergonomic zeroing of the balance for fast, effortless weighing. Simple menu programming provides access to advanced weighing features and applications.

**Calibration is a snap.** Automatic calibration at the touch of a key (CAL) assures that every reading is accurate. A stainless steel precision weight is included on all 0.1mg and 0.001g models. Each calibration weight is provided in a protective case.

**Multiple Weigh Modes.** Scroll between nine weigh modes including grams & mg on the analytical & milligram models with gram & kilogram offered on the high capacity (0.01g) models.

**RS232 Interface.** Connect VWR B-Series balances to a computer or printer. To transfer weighing results simply press the PRINT key.

**Animal weighing.** Weighing active animals can be a difficult task. VWR B-Series balances take multiple weight readings and then locks the average weight on the display.

**Percent Weighing.** Measure the percentage of a sample proportional to an initial reference weight and calculate the increase or decrease in percentage value.

**Density Determination.** Below balance weighing port can be used to calculate the density of solid samples using the buoyancy method.

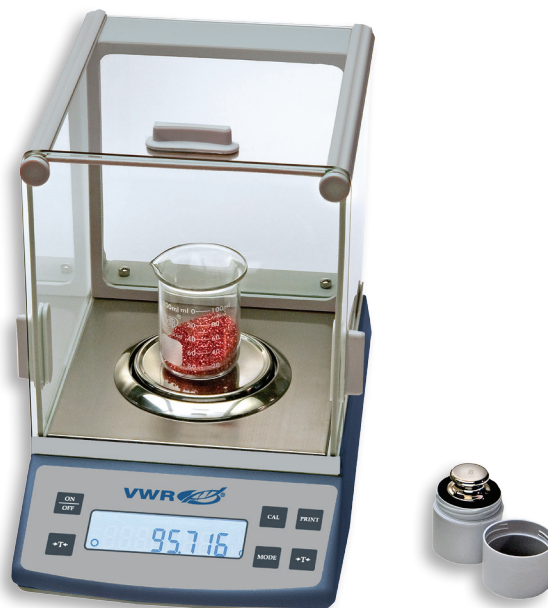
**Parts Counting.** VWR B-Series balances are ideal for inventory control. Simply place the reference quantity (1, 10, 25, 50 or 100 pieces) on the pan and the balance will do the rest.

**Rugged, Built to last.** Constructed with die-cast aluminum housing VWR B-Series balances are built to endure challenging environments from teaching labs to industrial use. Stainless steel pans on all models are easy to clean.

**Large 3-Door Draft Shield** is standard on all Analytical and Milligram Models. The internal dimensions (175 x 180 x 185mm) and three sliding doors make access to the chamber a breeze. The stainless steel weigh pan, draft/spill ring and chamber floor (0.1mg and 0.001g models) are easy to clean.

**Economical.** Priced right, the VWR B-Series is the answer for organizations demanding precision on a limited budget.

**Worry Free.** All VWR B-Series are covered by a Five-year Warranty



## Features:

- Forced Compensation Weighing Technology
- Die-Cast Aluminum Housing, Stainless Steel Weigh Pans & Draft Chamber Floors withstand the rigors of harsh environments
- Overload Protection minimizes the risk of damage
- 3-Door Draft Shield on all Analytical (0.1mg) and Milligram (0.001g) Models
- Adjustable Filter Settings for optimized weighing in difficult conditions
- 9 Weigh Modes
- Animal Weigh, Percent Weighing, Parts Counting, Formulation and Check Weigh Modes
- RS232 communication for easy connection to a computer or printer
- Stainless Steel Pans, Spill Ring & Draft Chamber Floor for easy cleaning
- Automatic Calibration, Weight included on all 0.1mg and 0.001g models
- Five-Year Warranty





## Model Specifications

### Analytical Models

	<b>VWR-64B</b>	<b>VWR-124B</b>	<b>VWR-214B</b>
Capacity	60g	120g	210g
Readability	0.1mg	0.1mg	0.1mg
Taring Range	0 to 60g	0 to 120g	0 to 210g
Repeatability (s)	0.1mg	0.1mg	0.1mg
Linearity	0.2mg	0.2mg	0.2mg
Stabilization Time	3 sec.	3 sec.	3 sec.
Pan Size	90mm (3.5 in)	90mm (3.5 in)	90mm (3.5 in)
<b>Cat. No.</b>	<b>10204-972</b>	<b>10204-974</b>	<b>10204-976</b>

### Precision Models

	<b>VWR-203B</b>	<b>VWR-403B</b>	<b>VWR-503B</b>	<b>VWR-4002B</b>	<b>VWR-5002B</b>
Capacity	200g	400g	500g	4000g	5000g
Readability	0.001g	0.001g	0.001g	0.01g	0.01g
Taring Range	0 to 200g	0 to 400g	0 to 500g	0 to 4000g	0 to 5000g
Repeatability (s)	0.001g	0.001g	0.001g	0.01g	0.01g
Linearity	0.002g	0.002g	0.002g	0.02g	0.02g
Stabilization Time	3 sec.	3 sec.	3 sec.	3 sec.	3 sec.
Pan Size	90mm (3.5 in)	90mm (3.5 in)	90mm (3.5 in)	160mm (6.3 in)	160mm (6.3 in)
<b>Cat. No.</b>	<b>10204-978</b>	<b>10205-028</b>	<b>10205-030</b>	<b>10205-032</b>	<b>10205-034</b>

### Common Specifications:

Operating Temperature:

5°- 40°C (41°-104°F)

Power Requirements:

Input: 100-240VAC, 50-60Hz, 0.6A

Output: 15VD, 1A

Polarity: Outside = + Inside = -

VWR-64B, 124B, 214B, 403B & 503B

Unit Dimensions (L x W x H):

335 x 213.5 x 293mm (13.2 x 8.4 x 11.5in)

Net Weight:

6.7kg (14.8lb)

Internal Chamber Dimensions (L x W x H):

175 x 180 x 185mm (6.9 x 7.1 x 7.3in)

Height Above Pan:

180 (7.1in)

VWR-4002B & 5002B

Unit Dimensions (L x W x H):

335 x 213.5 x 94.5mm (13.2 x 8.4 x 3.7in)

Net Weight:

5kg (11lb)