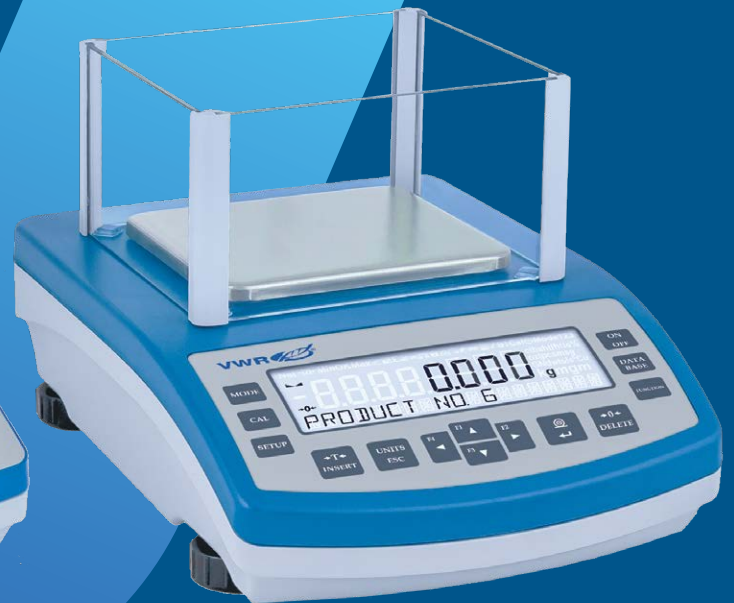


VWR[®] balances

01. INDUSTRY LEADING
WARRANTY

02. AFFORDABLY PRICED

03. ADVANCED FEATURES



Professional weighing unsurpassed accuracy

THREE-YEAR
WARRANTY

VWR® U-SERIES BALANCES

- **Unrivaled Repeatability.** The best weighing accuracy and repeatability - with $sd \leq 1d$ combined with USP regulations conformity (Section 41 and 1251) make the balances a new standard for mass measurement quality.
- **Internal Automatic Calibration.** Innovative 2-point internal calibration system has been designed to provide the maximum measurement accuracy and to minimize linearity errors.
- **Built-in proximity sensor** allows users the opportunity to have touch free options performed by motioning over the sensors (e.g., printing results).
- **Ambient conditions monitoring.** The U-Series balances offer a unique ambient conditions monitoring solution, applied to supervise environmental conditions at the balance workplace. The monitoring is carried out in real time with the use of internal sensors, monitoring several different parameters: temperature, humidity, atmospheric pressure, and air density.
- **Auto-Level.** Precise measurement requires level control for accurate weighing performance. The U-Series level monitoring system automatically records any balance deviation on the level tolerance and is signaled by changing colors.
- **Multiple interfaces** allow for easy connections between your balance and a computer or printer via the wireless, two RS232 ports, Ethernet, and USB (two types, A & B) interfaces.
- **GLP documentation** is standard on the U-Series Balances. Information on adjustment type, date, time, balance serial number, temperature, measurement mode, results, signature line and others allows for complete GLP documentation. All values are stored within the 16GB RAM available for advance data management.



Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A (2), Ethernet, 4 IN/OUT, WI-FI
Display:	5" Color Resistive Touch Screen
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A
	Output: 12–16VD, 2.1A
	Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	41.1 x 16.3 x 18.3 cm (16 x 6.4 x 7.2")
Net Weight, kg (lbs.):	9.1 kg (20 lbs)

features

- Advanced microprocessor technology
- Large, 12.7 cm (5") color resistive touch screen display
- Simple operation
- Auto-door
- Auto-level detection system
- Ambient conditions monitor
- Internal calibration
- Priced right

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Ultra-Microbalance Models							
VWR-21U	2.1 g	0.1 µg	±1.5 µg	0.4 µg	>10 s	1.6 cm (0.63")	76321-866
Microbalance Models							
VWR-2U	2.1 g	1 µg	±3 µg	1 µg	max 8 s	1.6 cm (0.63")	76321-868
VWR-5U	5.1 g	1 µg	±5 µg	1.6 µg	max 8 s	2.6 cm (1.02")	76321-870
VWR-11U	11 g	1 µg	±6 µg	2.5 µg	max 8 s	2.6 cm (1.02")	76321-872
VWR-21U	21 g	1 µg	±7 µg	3 µg	max 8 s	2.6 cm (1.02")	76321-874

Advanced weighing features for accurate results



VWR® X-SERIES BALANCES

- **Faster measurements.** The X-Series balances deliver faster measurements with a top-of-the-line CPU. The processor delivers noticeable performance improvements including faster operation and shorter stabilization time while retaining high repeatability values.
- **Internal automatic calibration** to aid in accurate and repeatable measurements.
- **Built in proximity sensor** allows users the opportunity to have touch free options performed by motioning over the sensors (e.g., printing results).
- **Ambient conditions monitoring.** The X-Series balances offer a unique ambient conditions monitoring solution, applied to supervise environmental conditions at the balance workplace. The monitoring is carried out in real time with the use of internal sensors, monitoring several different parameters: temperature, humidity, atmospheric pressure, and air density.
- **Auto-Level.** Precise measurement requires level control for accurate weighing performance. The X-Series level monitoring system automatically records any balance deviation on the level tolerance and is signaled by changing colors.
- **Integrated antistatic ionizer.** The X-Series balances (XA models only) include a built-in antistatic ionizer, which neutralizes electric charges inside the weighing chamber upon placing the sample in it.
- **Automatic doors.** Quiet automatic door allow for easy sample access (XA models only). Spacious and easy to operate weighing chamber enables comfort of the measurement process.
- **Multiple interfaces** allow for easy connections between your balance and a computer or printer via the wireless, 2 x RS232 port, Ethernet, and USB (2, type A) interfaces.

Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A (2), Ethernet, 4 IN/OUT, WI-FI
Display:	5" Color Resistive Touch Screen
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	54.2 x 20.6 x 30.3 cm (21.3 x 8.1 x 12")
Net Weight, kg (lbs.):	9.8 kg (21.6 lbs)
Internal Chamber Dimensions:	16.8 x 16.3 x 48.5 cm (6.6 x 6.4 x 19")

features

- Advanced microprocessor technology
- Large, 12.7 cm (5") color resistive touch screen display
- Simple operation
- Auto-door (XA models only)
- Built-in static Ionizer (XA models only)
- Auto-level detection system
- Ambient conditions monitor

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Microbalance XA Models							
VWR-6XA	6.1 g	1 µg	±7 µg	2.5 µg	3.5 s	3 cm (1.2")	76321-898
VWR-6.21XA	6/21 g	1/2 µg	±9 µg	3.5 µg	3.5 s	5 cm (2")	76321-900
VWR-21XA	21 g	2 µg	±9 µg	3.5 µg	3.5 s	5 cm (2")	76321-902
VWR-21.51XA	21/51 g	2/5 µg	±20 µg	6 µg	3.5 s	5 cm (2")	76321-904
VWR-51XA	51 g	5 µg	±20 µg	6 µg	3.5 s	5 cm (2")	76321-906
Microbalance XC Models							
VWR-6XC	6.1 g	1 µg	±7 µg	2.5 µg	3.5 s	3 cm (1.2")	76321-876
VWR-6.21XC	6/21 g	1/2 µg	±9 µg	3.5 µg	3.5 s	5 cm (2")	76321-878
VWR-21XC	21 g	2 µg	±9 µg	3.5 µg	3.5 s	5 cm (2")	76321-880
VWR-21.51XC	21/51 g	2/5 µg	±20 µg	6 µg	3.5 s	5 cm (2")	76321-882
VWR-51XC	51 g	5 µg	±20 µg	6 µg	3.5 s	5 cm (2")	76321-896

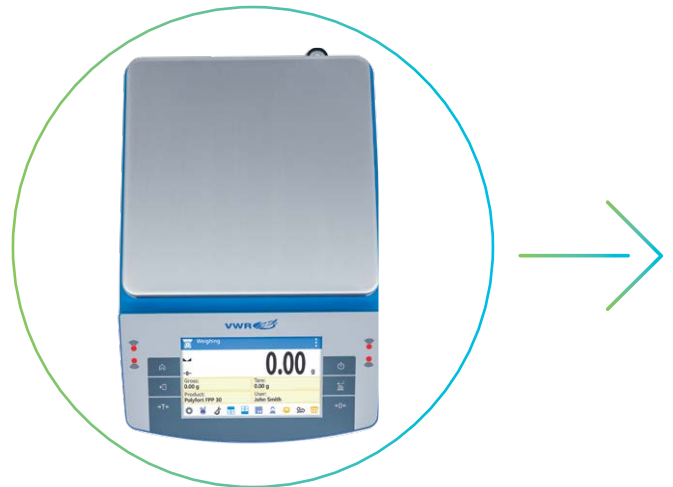
Advanced weighing features for accurate results

VWR® T-SERIES BALANCES

- **Simple operation** using a 12.7 cm (5") color capacitive touch screen allows for easy customization of the menu options and personalization of widgets on the home screen.
- **Internal automatic calibration and adjustment** with three internal calibration options:
 - Temperature-activated calibrations initiate with a 3°C change in ambient temperature
 - Time-activated calibrations may be programmed from one-hour to twelve-hour intervals
 - Press the CAL key to activate the calibration function
- **Built-in proximity sensor** allows users the opportunity to have touch-free options performed by motioning over the sensors (e.g., printing results).
- **Worry-free.** The VWR T-Series Balances are covered by a five-year warranty.
- **Multiple weigh modes** let a user scroll between the weigh modes including grams & mg. In addition, the balance can be locked to display only certain modes during use.
- **User-friendly draft shield** is standard on semi-micro and analytical models. The internal dimensions [16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")] and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.
- **GLP documentation** is standard on the VWR T-Series Balances. Store up to 10 users, 5000 products, and 1000 customers in memory (alpha-numeric). Detailed reporting includes balance ID, user, date, time, software version, measurement mode, results, and signature line, allowing for complete GLP documentation.
- **Multiple interfaces** allow for easy connections between your balance and a computer or printer via the wireless, two RS232 ports, Ethernet, and USB (two types, A & B) interfaces.
- **Working modes** allow users to take their weight measurements to the next level. Perform actions such as parts counting, percent weighing, density determination, dosing, statistical analysis, check weighing, animal weighing, peak hold and formulations all from the VWR T-Series Balances.

Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B, Ethernet, Wireless
Display:	5" Color Capacitive Touch Screen
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A
	Output: 12–16VD, 2.1A
	Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	
0.01mg & 0.1mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.001 g and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight, kg (lbs.):	5.6 kg (12.4 lbs)
Internal Chamber Dimensions:	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")
0.01 mg & 0.1mg Models	



**FIVE-YEAR
WARRANTY**

features

- Advanced microprocessor technology
- Large, 12.7 cm (5") color capacitive touch screen display
- Simple operation
- 17 weigh units
- 11 application modes
- Multi-language
- Two RS232, two USB (type A & B), Ethernet, and wireless ports for easy connection to computer or printer
- Alibi memory secures up to 500,000 weighing records
- Stainless steel pan for easy cleaning
- Internal automatic calibration: time- or temperature-activated
- Priced right



Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Semi Micro & Analytical Models							
VWR-225TC	82/220 g	0.01/0.1 mg	±0.06/0.2 mg	0.1 mg	2 s	9.0 cm (3.5")	76300-056
VWR-164TC	160 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76300-058
VWR-224TC	220 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76300-060
VWR-314TC	310 g	0.1 mg	±0.3 mg	0.15 mg	2.5 s	10.0 cm (4")	76300-068
Precision Models							
VWR-363TC	360 g	0.001 g	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-070
VWR-603TC	600 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-072
VWR-1003TC	1000 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-074
VWR-2102TC	2100 g	0.01 g	±0.02 g	0.01 g	2 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-076
VWR-4502TC	4500 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-078
VWR-6002TC	6000 g	0.01 g	±0.03 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-080
VWR-10102TC	10100 g	0.01 g	±0.03 g	0.012 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-082

Legal-for-Trade certification

**FIVE-YEAR
WARRANTY**

VWR® T-SERIES BALANCES WITH NTEP CERTIFICATION

- **NTEP Certification.** The VWR T-Series with NTEP Certification feature Class I and Class II devices to be utilized in Legal-for-Trade Applications.
- **Internal automatic calibration and adjustment** with three internal calibration options:
 - Temperature-activated calibrations initiate with a 3°C change in ambient temperature
 - Time-activated calibrations may be programmed from one-hour to twelve-hour intervals
 - Press the CAL key to activate the calibration function
- **Built-in proximity sensor** allows users the opportunity to have touch-free options performed by motioning over the sensors (e.g., printing results).
- **User-friendly draft shield** is standard on semi-micro and analytical models. The internal dimensions [16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")] and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.
- **GLP documentation** is standard on the VWR T-Series Balances. Store up to 10 users, 5000 products, and 1000 customers in memory (alpha-numeric). Detailed reporting includes balance ID, user, date, time, software version, measurement mode, results, and signature line, allowing for complete GLP documentation.
- **Multiple interfaces** allow for easy connections between your balance and a computer or printer via the wireless, two RS232 ports, Ethernet, and USB (two types, A & B) interfaces.



Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B, Ethernet, Wireless
Display:	5" Color Capacitive Touch Screen
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VDC, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	
0.01mg & 0.1mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.001 g and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight, kg (lbs.):	5.6 kg (12.4 lbs)
Internal Chamber Dimensions:	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")
0.01 mg & 0.1mg Models	

features

- Internal calibration
- NTEP certification
- Class I and Class II options
- Large color touch display

Model	Capacity	Readability [d]	Readability [e]	Class	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Semi Micro & Analytical Models									
VWR-225TC.N	82/220g	0.01/0.1mg	0.1/1 mg	I	±0.06/0.2mg	0.1 mg	2 s	9.8 cm (4")	76329-386
VWR-224TC.N	220 g	0.1 mg	1 mg	I	±0.2 mg	0.1 mg	2 s	9.8 cm (4")	76329-388
VWR-314TC.N	310 g	0.1 mg	1 mg	I	±0.3 mg	0.15 mg	2.5 s	9.8 cm (4")	76329-390
Precision Models									
VWR-363TC.N	360 g	0.001 g	0.01 g	II	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-392
VWR-1003TC.N	1000 g	0.001 g	0.01 g	II	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-394
VWR-2102TC.N	2100 g	0.01 g	0.1 g	II	±0.02 g	0.01 g	2 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-396
VWR-4502TC.N	4500 g	0.01 g	0.1 g	II	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-398
VWR-6002TC.N	6000 g	0.01 g	0.1 g	II	±0.03 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-400

Reliable results in any condition

**FIVE-YEAR
WARRANTY**

VWR® B2T-SERIES BALANCES

- **Simple operation** using a 12.7 cm (5") color capacitive touch screen allows for easy customization of the menu options and personalization of widgets on the home screen.
- **Built-in proximity sensor** allows users the opportunity to have touch-free options performed by motioning over the sensors (e.g., printing results).
- **Product memory** allows for creation of up to 5,000 products for easy organization of items being weighed in a lab.
- **Multiple weigh modes** let a user scroll between the weigh modes including grams & mg. In addition, the balance can be locked to display only certain modes during use.
- **External calibration** using the touch display is easy. Simply press the calibration button on the display to activate the calibration procedure. Calibration mass (required) is available separately.
- **Multiple interfaces** allow for easy connections between your balance and a computer or printer via the two RS232 ports, Ethernet, and USB (two types, A & B) interfaces.
- **Worry-free.** The VWR B2T-Series Balances are covered by a five-year warranty.



Specifications

Calibration Adjustment:	External
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B, Ethernet
Display:	5" Color Capacitive Touch Screen
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H: 0.1 mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.1 mg Models 0.001 g and below Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14") 33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight:	5.6 kg (12.4 lbs)
Internal Chamber Dimensions: 0.1mg Models	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")

features

- Advanced microprocessor technology
- Large, 12.7 cm (5") color capacitive touch screen display
- Simple operation
- 17 weigh modes
- 11 application modes
- Two RS232 and two USB (type A & B) ports for easy connection to computer or printer
- Stainless steel pan for easy cleaning
- External calibration for accurate results
- Priced right

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Analytical Models							
VWR-64B2T	62 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76300-062
VWR-164B2T	160 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76300-064
VWR-224B2T	220 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76300-066
VWR-314B2T	310 g	0.1 mg	±0.3 mg	0.15 mg	2.5 s	10.0 cm (4")	76300-084
Precision Models							
VWR-363B2T	360 g	0.001 g	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-086
VWR-603B2T	600 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-088
VWR-1003B2T	1000 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-090
VWR-2002B2T	2000 g	0.01 g	±0.03 g	0.015 g	2 s	19.5 x 19.5 cm (7.7 x 7.7")	75870-334
VWR-4502B2T	4500 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-092
VWR-6002B2T	6000 g	0.01 g	±0.03 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-094
VWR-6001B2T	6000 g	0.1 g	±0.3 g	0.1 g	2 s	19.5 x 19.5 cm (7.7 x 7.7")	75870-328
VWR-10001B2T	10000 g	0.1 g	±0.3 g	0.08 g	3 s	19.5 x 19.5 cm (7.7 x 7.7")	75870-330
VWR-20001B2T	20000 g	0.1 g	±0.3 g	0.1 g	3 s	19.5 x 19.5 cm (7.7 x 7.7")	75870-332

High precision weighing with advanced features

VWR® A-SERIES BALANCES

- **Internal automatic calibration and adjustment** with three internal calibration options:
 - Temperature-activated calibrations initiate with a 3°C change in ambient temperature
 - Time-activated calibrations may be programmed from one-hour to twelve-hour intervals
 - Press the CAL key to activate the calibration function
- **Menu-driven operation** provides dedicated setup, mode, function, and database keys along with navigational arrows for easy access to weighing features, applications, and stored data.
- **Advanced communication features** allow the balances to connect to a printer or network via the RS232 (2) or USB (two types, A & B) ports. Data may be transferred manually by pressing the print/enter key or program the balance to send information automatically at designated time intervals and stability settings.
- **Application modes** optimize the performance of your balance with one of 11 application modes: basic weighing, piece counting, check weighing, dosing, deviations, density determination (solids & liquids), animal weigh, statistics, totalizing (formulation), and peak hold.
- **Rugged and built to last** construction with a housing that is designed to endure the most challenging environments from teaching labs to industrial use.
- **Balance parameter settings** include access levels, user functions, backlight settings, language, keyboard sounds, along with GLP protocols.
- **User-friendly draft shield** is standard on semi-micro and analytical models. The internal dimensions [16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")] and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.
- **GLP documentation** is standard on the VWR A-Series Balances. Store up to 10 users, 1000 products, and 100 tare weight values in memory (alpha-numeric). Detailed reporting includes balance id, user, date, time, software version, measurement mode, results, and signature line, allowing for complete GLP documentation.
- **Economical**, ideal for organizations demanding precision and performance on a limited budget.



Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B
Display:	White Backlit LCD
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +, Inside = -
Unit Dimensions, L x W x H:	
0.01 mg & 0.1 mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.001 mg and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight:	5.6 kg (12.4 lbs)
Internal Chamber Dimensions:	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")
0.01mg & 0.1mg Models	

**FIVE-YEAR
WARRANTY**

features

- Internal automatic calibration: time or temperature activated
- Easy-to-read, adjustable, backlit display
- Simple menu-driven navigation
- 17 weigh modes
- 11 application modes
- Multi-language
- Overload protection reduces the risk of damage from misuse
- Adjustable ambient condition settings for difficult environments
- Full GLP documentation
- 10 users (with administrator control)
- 1,000 product data storage
- Tare weight storage, 100 containers
- Alibi memory secures up to 100,000 weighing records
- Two RS232 and two USB (type A & B) communication options
- Stainless steel pans, spill ring, and draft chamber floor removable for easy cleaning



Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Semi-Micro & Analytical Models							
VWR-225AC	60/220 g	0.01/0.1 mg	±0.06/0.2 mg	0.1 mg	2 s	9.0 cm (3.5")	10205-026
VWR-164AC	160 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	10204-960
VWR-224AC	220 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	10204-962
VWR-314AC	310 g	0.1 mg	±0.3 mg	0.15 mg	2 s	10.0 cm (4")	10204-964
Precision Models							
VWR-363AC	360 g	0.001 g	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	10204-966
VWR-603AC	600 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-142
VWR-1003AC	1000 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76300-144
VWR-2102AC	2100 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-146
VWR-4502AC	4500 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	10204-968
VWR-6002AC	6000 g	0.01 g	±0.03 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	10204-970
VWR-10102AC	10100 g	0.01 g	±0.03 g	0.012 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76300-152

Legal-for-Trade certification



VWR® A-SERIES BALANCES WITH NTEP CERTIFICATION

- **NTEP Certification.** The VWR A-Series with NTEP Certificate feature Class I and Class II devices to be utilized in Legal-for-Trade Applications.
- **Internal automatic calibration and adjustment** with three internal calibration options:
 - Temperature-activated calibrations initiate with a 3°C change in ambient temperature
 - Time-activated calibrations may be programmed from one-hour to twelve-hour intervals
 - Press the CAL key to activate the calibration function
- **Advanced communication features** allow the balances to connect to a printer or network via the RS232 (2) or USB (two types, A & B) ports. Data may be transferred manually by pressing the print/enter key or program the balance to send information automatically at designated time intervals and stability settings.
- **Rugged and built to last** construction with a housing that is designed to endure the most challenging environments from
- **Balance parameter settings** include access levels, user functions, backlight settings, language, keyboard sounds, along with GLP protocols.
- **User-friendly draft shield** is standard on semi-micro and analytical models. The internal dimensions [16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")] and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.



features

- Internal calibration
- NTEP certification
- Class I and Class II options
- Large color touch display

Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B
Display:	White Backlit LCD
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	
0.01 mg & 0.1 mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.001 mg and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight:	5.6 kg (12.4 lbs)
Internal Chamber Dimensions:	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")
0.01mg & 0.1mg Models	

Model	Capacity	Readability [d]	Readability [e]	Class	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Semi-Micro & Analytical Models									
VWR-224AC.N	220 g	0.1 mg	1 mg	I	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76329-402
VWR-314AC.N	310 g	0.1 mg	1 mg	I	±0.3 mg	0.15 mg	2 s	10.0 cm (4")	76329-404
Precision Models									
VWR-363AC.N	360 g	0.001 g	0.01 g	II	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-406
VWR-1003AC.N	1000 g	0.001 g	0.01 g	II	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-408
VWR-2102AC.N	2100 g	0.01 g	0.1 g	II	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-410
VWR-4502AC.N	4500 g	0.01 g	0.1 g	II	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-412

High precision weighing with calibration certificate



VWR® A-SERIES BALANCES WITH CALIBRATION CERTIFICATE

- **Traceability.** The VWR A-Series with Calibration Certificate provides an ISO 17025:2017 Calibration Certificate with the balance. Allowing for full traceability on balances performance.
- **Internal automatic calibration** to aid in accurate and repeatable measurements.
- **Advanced communication features** allow the balances to connect to a printer or network via the RS232 (2) or USB (two types, A & B) ports. Data may be transferred manually by pressing the print/enter key or program the balance to send information automatically at designated time intervals and stability settings.
- **Working modes** optimize the performance of your balance with one of 11 working modes: basic weighing, piece counting, check weighing, dosing, deviations, density determination (solids & liquids), animal weigh, statistics, totalizing (formulation), and peak hold.
- **Rugged and built to last** construction with a housing that is designed to endure the most challenging environments from teaching labs to industrial use.
- **Balance parameter settings** include access levels, user functions, backlight settings, language, keyboard sounds, along with GLP protocols.
- **User-friendly draft shield** is standard on semi-micro and analytical models. The internal dimensions [16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")] and three sliding doors allow for easy access to the chamber. The draft shield doors, stainless steel weigh pan, and draft chamber floor are easy to remove for cleaning.
- **GLP documentation** is standard on the VWR A-Series Balances. Store up to 10 users, 1000 products, and 100 tare weight values in memory (alpha-numeric). Detailed reporting includes balance id, user, date, time, software version, measurement mode, results, and signature line, allowing for complete GLP documentation.



Specifications

Calibration Adjustment:	Internal, Automatic
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232 (2), USB-A & USB-B
Display:	White Backlit LCD
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H, cm (in.):	
0.01 mg & 0.1 mg Models	33.3 x 20.6 x 35.5 cm (13.1 x 8.1 x 14")
0.001 mg and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight:	5.6 kg (12.4 lbs)
Internal Chamber Dimensions: 0.01mg & 0.1mg Models	16.0 x 16.8 x 23.0 cm (6.25 x 6.6 x 9")

features

- ISO 17025:2017 calibration certificate included
- Large, backlit LCD display
- Internal calibration
- Priced right

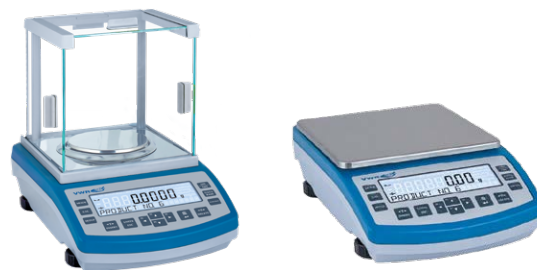
Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Semi-Micro & Analytical Models							
VWR-225AC/CAL	60/220g	0.01/0.1mg	±0.06/0.2mg	0.1 mg	2 s	9.0 cm (3.5")	76329-726
VWR-164AC/CAL	160 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76329-728
VWR-224AC/CAL	220 g	0.1 mg	±0.2 mg	0.1 mg	2 s	10.0 cm (4")	76329-730
VWR-314AC/CAL	310 g	0.1 mg	±0.3 mg	0.15 mg	2 s	10.0 cm (4")	76329-732
Precision Models							
VWR-363AC/CAL	360 g	0.001 g	±0.002 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-734
VWR-603AC/CAL	600 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-736
VWR-1003AC/CAL	1000 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	76329-738
VWR-2102AC/CAL	2100 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-740
VWR-4502AC/CAL	4500 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-742
VWR-6002AC/CAL	6000 g	0.01 g	±0.03 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-960
VWR-10102AC/CL	10100 g	0.01 g	±0.03 g	0.012 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	76329-962

Affordable reliability for a broad range of applications



VWR® B2-SERIES BALANCES

- **Menu-driven operation** provides dedicated setup, mode, function, and database keys along with navigational arrows for easy access to weighing features, applications, and data.
- **Calibration** takes place at the touch of a key (CAL). The B2-Series Balances guide you through the calibration procedure informing you when to unload and load the pan with the predetermined calibration weight. Calibration weight available separately.
- **Multiple weigh modes** allow users to scroll between 16 different units, including the ability to create two custom user-defined units.
- **RS232 interface** makes it easy to connect VWR B2-Series Balances to a computer or printer to quickly print your data reports.
- **Animal weighing** makes an often difficult task easier. VWR B2-Series Balances take multiple weight readings and then locks the average weight on the display.
- **Percent weighing** measures the percentage of a sample proportional to an initial reference weight and calculates the increase or decrease in percentage value.
- **Density determination** can be calculated using the below balance weighing port and the buoyancy method.
- **Parts counting** feature makes VWR B2-Series Balances 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.
- **Large LCD display** and onscreen symbols inform you of real-time functions including working mode and connection status.
- **Three-door draft shield** is standard on all analytical and milligram models. The internal dimensions and three sliding doors allow for easy access to the chamber. The stainless steel weigh pan, draft spill ring, and chamber door (0.1mg and 0.001g models) are easy to clean.
- **Economical:** the VWR B2-Series Balances are the answer for organizations demanding precision on a limited budget.
- **Five-year warranty** offered on all VWR B2-Series Balances.



features

- 16 weigh modes
- Overload protection reduces the risk of damage from misuse
- Adjustable filter settings for difficult environments
- RS232 communication option for printing reports
- Stainless steel pans, spill ring, and draft chamber floor for easy cleaning

Specifications

Calibration Adjustment:	External
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Sensitivity Drift:	1ppm°C, 10–40°C
Interface:	RS232
Display:	White Backlit LCD
Power Requirements:	Input: 100–240VAC, 50–60Hz, 0.6A Output: 12–16VD, 2.1A Polarity: Outside = +; Inside = -
Unit Dimensions, L x W x H: 0.01 mg & 0.001 g Models	33.3 x 20.6 x 28 cm (13.1 x 8.1 x 11")
Unit Dimensions, L x W x H: 0.01 g and below Models	33.3 x 20.6 x 10 cm (13.1 x 8.1 x 4")
Net Weight:	3.5 kg (7.7 lbs)
Internal Chamber Dimensions: 0.1mg & 0.001g Models	16.0 x 16.8 x 16.5 cm (6.25 x 6.6 x 6.5")

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Analytical Models							
VWR-64B2	60 g	0.1 mg	±0.2 mg	0.1 mg	3.5 s	10.0 cm (4")	75802-858
VWR-124B2	120 g	0.1 mg	±0.2 mg	0.1 mg	3.5 s	10.0 cm (4")	75802-860
VWR-214B2	210 g	0.1 mg	±0.2 mg	0.1 mg	3.5 s	10.0 cm (4")	75802-862
Precision Models							
VWR-203B2	200 g	0.001 g	±0.003 g	0.001 g	2 s	12.8 x 12.8 cm (5 x 5")	75802-864
VWR-403B2	400 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	75802-866
VWR-503B2	500 g	0.001 g	±0.003 g	0.0015 g	2 s	12.8 x 12.8 cm (5 x 5")	75802-868
Precision Models, High Capacity							
VWR-4002B2	4000 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	75802-870
VWR-5002B2	5000 g	0.01 g	±0.02 g	0.01 g	1.5 s	19.5 x 19.5 cm (7.7 x 7.7")	75802-872

Entry level balance for basic weighing needs

FIVE-YEAR WARRANTY

VWR® E-SERIES BALANCES

- The VWR E-Series Balance offers sturdy construction and ease-of-use, making it the ideal choice for your lab.
- Economical. The VWR E-Series Balances are the answer for organizations demanding performance on a limited budget.
- Simple operation through five dedicated keys (On/Off, CAL, Print, Unit, and Tare) for quick, effortless weighing.
- Advanced microprocessor technology ensures balances provide fast, stable, reproducible weighing results.
- Bright white backlit display for easy viewing under any lighting conditions. In well-lit environments the backlight can be turned off for better viewing.
- Versatile for bench or field use. Operate the VWR E-Series Balances on the bench top with standard AC power (adapter included). Six AA batteries allow convenient use in the field or when moving from lab-to-lab. In the battery operation mode, the unit will automatically shut off after five minutes, and a low-battery indicator will alert the operator before power expires.
- Built to last with construction designed to endure challenging environments from teaching labs to light industrial use.



Specifications

Operating Temperature:	15–35°C (50–86°F)
Unit Dimensions, LxWxH:	
1000–6000g Capacity	25.8 x 18.8 x 8.2 cm (10.25 x 7.5 x 3.25")
10,000 & 20,000g Capacity	33.0 x 21.5 x 9.0 cm (8.5 x 13 x 3.5")
Net Weight:	
1000–6000g Capacity	2 kg (4.5 lbs)
10,000 & 20,000g Capacity	3 kg (6.5 lbs)
Power Requirements:	
1000–6000g Capacity	100–240VAC, 50–60Hz, 12VDC (adapter included); 6 x AA Batteries (batteries not included)
10,000 & 20,000g Capacity	120VAC, 50–60Hz, 12VDC (adapter included); Internal Rechargeable Battery

features

- Advanced microprocessor technology
- Bright white backlit display
- Simple operation
- Front positioned level indicator for easy balance leveling
- Overload protection
- Below balance weighing for specific gravity determination (except Cat. No. 10205-000)
- 16 weigh modes
- Auto shut off in battery operation mode
- RS232 for easy connection to a computer or printer
- Stainless steel pans for easy cleaning
- Automatic external calibration for accurate results
- Priced right

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
VWR-1002E	1000 g	0.01 g	±0.02 g	0.01 g	3 s	13.5 x 12.0 cm (5.25 x 4.7")	10204-990
VWR-3002E	3000 g	0.01 g	±0.03 g	0.01 g	3 s	17.0 x 18.0 cm (6.7 x 7.1")	10204-992
VWR-3001E	3000 g	0.1 g	±0.2 g	0.1 g	2 s	17.0 x 18.0 cm (6.7 x 7.1")	10204-994
VWR-6001E	6000 g	0.1 g	±0.2 g	0.1 g	2 s	17.0 x 18.0 cm (6.7 x 7.1")	10204-996
VWR-10001E	10,000 g	0.1 g	±0.2 g	0.1 g	2 s	20.0 x 21.5 cm (8 x 8.5")	10204-998
VWR-20001E	20,000 g	0.1 g	±0.2 g	0.1 g	3 s	20.0 x 21.5 cm (8 x 8.5")	10205-000

Anywhere that accuracy and portability is required

FIVE-YEAR WARRANTY

VWR® P2-SERIES BALANCES

- **Versatile.** The VWR P2-Series Balances are ideal for educational, light industrial, and general laboratory applications or anywhere that accuracy and portability is required.
- **Portable.** Operate in the field or move from lab-to-lab. All VWR P2-Series Balances come complete with a power adapter and an internal rechargeable battery. Automatic shut off mode conserves battery life and the low-battery indicator ensures sample weighing is not interrupted.
- **Multiple working modes** include weighing, parts counting, percent weighing, peak hold, and totalizing. High capacity models also include check weighing, animal weighing, and measurement in newtons.
- **Oversized draft shield** with a stainless steel lift off cover is standard on **Cat. No. 76175-400**. The internal dimensions [15.0 x 14.0 x 10.7 cm (6 x 5.5 x 4.25")] provide easy access and ample space when working with larger samples.
- **Stainless steel weigh pans** are easy to remove for cleaning.
- **Rugged, built to last** for every environment from teaching labs to light industrial use.
- **Economical.** VWR P2-Series Balances are the solution for organizations with limited budgets.



Specifications

	Precision Models Except 76175-400:	76175-400	Precision Models, High Capacity:
Operating Temperature:	15–30°C (56–86°F)	15–30°C (56–86°F)	15–30°C (56–86°F)
Unit Dimensions, LxWxH:	23 x 16 x 6.75 cm (9 x 6.25 x 2.5")	23.0 x 16.0 x 17.5 (9 x 6.25 x 7")	33.3 x 20.6 x 9.7 (13 x 8 x 3.75")
Interfaces:	RS232, USB-A, USB-B	RS232, USB-A, USB-B	RS232
Net Weight:	1.3 kg (3 lbs)	1.3 kg (3 lbs)	2.8 kg (6.25 lbs)
Power Requirements:	100–240VAC, 50–60Hz, 12VDC + Battery	100–240VAC, 50–60Hz, 12VDC + Battery	11VAC, 10.5–15VDC, I _{max} =600mA, Accumulator

features

- Large, easy-to-read LCD backlit display
- Simple operation
- Three weigh modes
- Oversized draft chamber with stainless steel cover (Cat. No. 76175-400)
- Auto shut off mode
- Low-battery indicator
- Externally calibrated
- Overload protection
- Economical

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Precision Models							
VWR-203P2	200 g	0.001 g	±0.004 g	0.002 g	2 s	10.0 cm (4")	76175-400
VWR-602P2	600 g	0.01 g	±0.02 g	0.01 g	2 s	12.8 x 12.8 cm (5 x 5")	76175-402
VWR-2002P2	2000 g	0.01 g	±0.03 g	0.01 g	2 s	12.8 x 12.8 cm (5 x 5")	76175-404
VWR-3101P2	3100 g	0.1 g	±0.3 g	0.1 g	2 s	12.8 x 12.8 cm (5 x 5")	76175-406
Precision Models, High-Capacity							
VWR-6001P2.H	6000 g	0.01 g	±0.2 g	0.1 g	3 s	19.5 x 19.5 cm (7.7 x 7.7")	76175-278
VWR-10001P2.H	10000 g	0.1 g	±0.3 g	0.1 g	3 s	19.5 x 19.5 cm (7.7 x 7.7")	76175-280
VWR-20001P2.H	20000 g	0.1 g	±0.3 g	0.1 g	3 s	19.5 x 19.5 cm (7.7 x 7.7")	76175-298

Anywhere that accuracy and portability is required

FIVE-YEAR WARRANTY

VWR® P-SERIES BALANCES

- **Versatile:** The VWR P-Series Balances are ideal for educational, light industrial, and general laboratory applications or anywhere that accuracy and portability is required.
- **Portable:** Operate in the field or move from lab-to-lab. All VWR P-Series come complete with 9V AC power adapter. Insert six AA batteries (batteries not included) for portable applications. Automatic shut off mode conserves battery life and the low battery indicator ensures sample weighing is not interrupted.
- **Large, easy-to-see LCD backlit display** is ideal for dimly lit work locations.
- **Simple operation:** Four dedicated keys - On/Off, CAL, Unit, and Tare - are ideal for student use.
- **Oversized draft shield** with a stainless steel lift off cover is standard on **Cat. No. 10205-002**. The internal dimensions [15.0 x 14.0 x 10.7 cm (6 x 5.5 x 4.25")] provide easy access and ample space when working with larger samples.
- **Stainless steel weigh** pans are easy to remove for cleaning.
- **Rugged, built to last** for every environment from teaching labs to light industrial use.
- **Five-year warranty** on parts and labor for peace of mind.
- **Economical:** VWR P-Series Balances are the solution for organizations with limited budgets.



features

- Large, easy-to-read LCD backlit display
- Simple operation
- Oversized draft chamber with stainless steel cover (Cat. No. 10205-002)
- Auto shut off mode
- Low battery indicator
- Externally calibrated
- Overload protection
- Economical

	Precision Models Except 10205-002:	10205-002
Operating Temperature:	0–40°C (32–104°F)	0–40°C (32–104°F)
Unit Dimensions, LxWxH:	22.5 x 17.7 x 7 cm (8.9 x 6.7 x 2.8")	22.5 x 17.7 x 15.7 cm (8.9 x 6.7 x 6.2")
Net Weight:	2 kg (4.4 lbs.)	2 kg (4.4 lbs.)
Power Requirements:	100–240VAC, 50–60Hz, 9VDC (adapter included) 6 x AA Batteries (batteries not included)	100–240VAC, 50–60Hz, 9VDC (adapter included) 6 x AA Batteries (batteries not included)

Model	Capacity	Readability	Linearity	Repeatability (Std. Dev.)	Stabilization Time	Pan Size	Cat. No.
Precision Model with Draft Shield							
VWR-123P	120 g	0.001 g	±0.003 g	0.001 g	3 s	9.0 cm (3.5")	10205-002
Precision Models with Draft Shield							
VWR-500P	500 g	0.01 g	±0.02 g	0.01 g	3 s	14.5 x 14.5 cm (5.7 x 5.7")	10205-004
VWR-1500P	1500 g	0.05 g	±0.1 g	0.05 g	3 s	14.5 x 14.5 cm (5.7 x 5.7")	10205-006
VWR-3000P	3000 g	0.1 g	±0.2 g	0.1 g	3 s	14.5 x 14.5 cm (5.7 x 5.7")	10205-008
VWR-6000P	6000 g	1 g	±2 g	1 g	3 s	14.5 x 14.5 cm (5.7 x 5.7")	10205-010

Moisture analyzers



VWR® M-SERIES MOISTURE ANALYZERS

- **Simple operation.** The 5" color capacitive touch screen allows for easy menu access and personalization of widgets to allow for customization of the VWR M-Series moisture analyzers home screen.
- **Built-in proximity sensor.** Through the use of the built-in proximity sensors, users are provided the opportunity to have touch-free options performed by motioning over the sensors (e.g. opening lid or printing results).
- **Advanced technology.** The VWR M-Series features an IR emitter or halogen bulb to provide you with quick determination of relative moisture content and dry mass content.
- **Multiple interfaces.** Easily connect your balance to a computer or printer via the RS232 port, USB (two types, A & B), Ethernet, or wirelessly.
- **Products.** The VWR M-Series moisture analyzers feature four drying mode options. The modes include: Standard, Mild, Quick, and Step.
- **Auto switch-off options.** The VWR M-Series moisture analyzers allow for customization of switch off options for ending the analysis. Options include automatic, time defined, or manual switch-off of system.
- **GLP documentation is standard on the VWR M-Series.** Store up to 10 users, 5000 products, 100 customers, 100 packagings, and 200 drying programs. Detailed reporting including moisture analyzer ID, user, date, time, software version, results and signature line provide for complete GLP documentation.
- **Economical.** Priced right, the VWR M-Series is the answer for organizations demanding precision on a limited budget.
- **Worry-free.** All VWR M-Series are covered by a three-year warranty.



Specifications

Calibration Adjustment:	External
Operating Temperature:	10–40°C (50–104°F)
Relative Humidity:	40–80% (Non-condensing)
Drying Profiles:	Standard, Fast Step, Mild
Finish Mode:	Manual, Automatic, Time-Defined, User-Defined
Interface:	RS232 (2), USB-A & USB-B, Wireless, Ethernet
Display:	5" Color Capacitive Touch Screen
Power Requirements:	Input: 120V
Unit Dimensions, L x W x H:	33.8 x 20.6 x 19.7 cm (13.3 x 8.1 x 7.7")
Net Weight:	5.2 kg (11.5 lbs)
Weighing Pan Dimensions:	9 cm (3.5")
Maximum Sample Height:	2 cm (0.8")

features

- Large, color touch screen display
- Four drying profiles
- Touch-free operation
- IR emitter or halogen heating element
- Wireless, Ethernet, RS232 and USB interfaces
- Multi-language menu options

Model	Capacity	Readability	Moisture Content Readability	Drying Temperature Range	Moisture Content Repeatability	Cat. No.
Halogen Heating Element						
VWR-54M.H	50 g	0.1 mg	0.0001%	max. 250°C (482°F)	0.05%(-2 g sample)	76290-332
VWR-53M.H	50 g	0.001 g	0.001%		0.01%(-10 g sample)	76290-334
VWR-213M.H	210 g	0.001 g	0.001%		76289-770	
IR Emitter Heating Element						
VWR-54M.I	50 g	0.1 mg	0.0001%	max. 160°C (320°F)	0.05%(-2 g sample)	76289-772
VWR-53M.I	50 g	0.001 g	0.001%		0.01%(-10 g sample)	76289-774
VWR-213M.I	210 g	0.001 g	0.001%		76289-740	



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