

# VWR essentials for reproducible sample preparation

01. VWR® BEAD MILL  
HOMOGENIZERS FOR  
RAPID DNA, RNA, AND  
PROTEIN EXTRACTION

02. PRE-FILLED TUBES AND  
BULK BEADS

03. VWR® ADVANCED MINI  
DRY BLOCK HEATER  
WITH SIX MODULAR  
BLOCK OPTIONS

04. VWR® SINGLE  
CHANNEL PIPETTORS  
ENSURE EVEN AND  
REGULAR SAMPLE  
DELIVERY





## VWR® MINI BEAD MILL HOMOGENIZER DESIGNED FOR PERSONAL USE

- Broad Performance Range – gentle mixing to high force homogenization
- Small Footprint – requires minimal bench space
- Homogenize up to four samples in seconds
- Reproducible extraction of proteins and nucleic acids
- Simultaneous processing of 4 x 0.5 mL, 4 x 1.5 mL, 4 x 2 mL, or 1 x 7 mL samples
- Two-year warranty

### Specifications

Sample Volume Range	25 µL – 6 mL
Run Time	1 sec – 5 mins
Performance Range	1 – 5 m/s
Dimensions, W x D x H, cm (in.)	21.6 x 29.2 x 25.4 (8 ½ x 11 ½ x 10)
Weight, kg (lbs.)	7.48 (16 ½)
Power Requirements	100 – 230VAC/50 – 60 Hz

Description	Cat. No.
VWR Mini Bead Mill Homogenizer	10158-558



## VWR® BEAD MILL HOMOGENIZER

- Quickly homogenize up to 16 samples
- Does not require cool down between runs
- Convenient front loading design
- Simultaneous processing of 12 x 0.5 mL, 4 x 1.5 mL, 12 x 2 mL, or 4 x 7 mL samples
- Two-year warranty

### Specifications

Sample Volume Range	25 µL – 5 mL
Run Time	1 to 10 min.
Performance Range	0.8 m/s – 6 m/s in increments of 0.2 m/s
Dimensions, W x D x H, cm (in.)	30.5 x 43.2 x 36.8 (12 x 17 x 14 ½)
Weight, kg (lbs.)	29 (65)
Power Requirements	100 – 230VAC/150 – 60Hz

Description	Cat. No.
VWR Bead Mill Homogenizer	75840-022

## VWR® PRE-FILLED BEAD TUBES

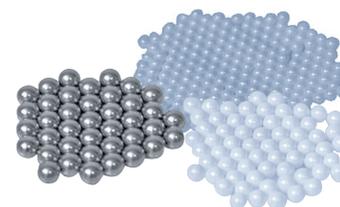
- Polypropylene fabrication
- Pre-filled with an optimized amount of lysing matrix
- Provide efficient, consistent, and high-yield sample homogenates
- Certified DNase and RNase-free
- 1.5 mL tubes feature an attached lid and retaining cam
- 2 mL tubes feature a skirted base, secure O-ring, and screw cap



Description	Material	Volume, mL	Cat. No.
VWR Hard Tissue Grinding Mix	2.4mm Metal	1.5	10158-598
VWR Hard Tissue Grinding Mix	2.4mm Metal	2	10158-604
VWR Hard Tissue Homogenizing Mix	2.8mm Ceramic	1.5	10158-602
VWR Hard Tissue Homogenizing Mix	2.8mm Ceramic	2	10158-612
VWR Soft Tissue Homogenizing Mix	1.4mm Ceramic	0.5	10158-608
VWR Soft Tissue Homogenizing Mix	1.4mm Ceramic	1.5	10158-600
VWR Soft Tissue Homogenizing Mix	1.4mm Ceramic	2	10158-610
VWR Tough Microorganism Lysing Mix	0.5mm Glass	2	10158-606
VWR Reinforced Bead Mill Tubes, Empty	—	2	10158-556

## VWR® BULK BEADS

- Effective and versatile
- Designed for use on all bead mill platforms
- Certified DNase and RNase-free



Description	Size	Volume	Cat. No.
VWR Ceramic Beads	1.4 mm	325 g	10158-552
VWR Ceramic Beads	2.8 mm	325 g	10158-554
VWR Metal Beads	2.4 mm	500 g	10158-550



**VWR® SINGLE-CHANNEL ELECTRONIC PIPETTERS**

- Ease-of-use: Only two buttons and five pipetting modes, including the CUSTOM Mode which creates pipetting protocols easily and rapidly
- Advanced Ergonomics: Lightweight and perfectly balanced, it requires virtually no force to significantly reduce RSI
- Fully Motorized Piston Drive: For an even and regular sample delivery across each channel
- Use while Charging: VWR Electronic Pipettors can be used while charging without compromising performance
- VWR two-year warranty included

Volume, µL	Accuracy	Increments, µL	Precision, µL	Color	Cat. No.
0.5–10	±2.75% at 1 µL / ±0.88% at 10 µL	0.01	≤1.32% at 1 µL / ≤0.28% at 10 µL	Red	10827-884
2–20	±4.13% at 2 µL / ±0.83% at 20 µL	0.01	≤1.38% at 2 µL / ≤0.28% at 20 µL	Pale Yellow	10827-918
20–300	±2.57% at 30 µL / ±0.39% at 300 µL	0.1	≤0.73% at 30 µL / ≤0.11% at 300 µL	Green	10827-920
100–1200	±2.20% at 120 µL / ±0.55% at 1200 µL	1	≤0.37% at 120 µL / ≤0.11% at 1200 µL	Blue	10827-922



**VWR® ADVANCED MINI BLOCK HEATER**

- Heated lid option reduces condensation on sample lids
- Compact, ergonomic design
- Six modular block options
- Supplied with Best-In-Class Five-Year Warranty

Description	Cat. No.
VWR Advanced Mini Block Heater	10153-318
VWR Advanced Mini Block Heater with Heated Lid	10153-348



**VWR LIFE SCIENCE COMPLEMENTARY PRODUCTS TO COMPLETE YOUR DOWNSTREAM EXPERIMENTS**



Description	Kit Contents	Size	Cat. No.
Agarose RA™	—	500 g	97064-258
Cyclo-Prep™ Genomic DNA Isolation Kit	Reagent 1, 10 mL; Reagent 2, 10 mL; Reagent 3, 50 mL; Water, nuclease-free, 10mL; Spin columns, 50; Collection tubes, 50; Plastic pestles, 50; (sufficient reagents for 50 isolations)	50 rxns	97064-844
DNA MW Marker, 100 bp Ladder	—	250 µL	97063-488
EZ-Vision® Blue Light DNA Dye	—	0.5 mL	10791-798
Fluorescent DNA Quantification Kit	Fluorescent DNA Assay Buffer, 10X, 200 mL; Fluorescent DNA Dye, 250 µL; Fluorescent DNA Standard, 1 mL	750 x 2 mL	89492-620
Phenol-Free Total RNA Purification Kit	Lysis solution, 40 mL; Wash solution, 22 mL; Elution solution, 6 mL; Mini spin columns, 50; Collection tubes, 50	Kit	97064-308
Ready PCR Mix	All reagents except template and primer DNA	2 x 1.25 mL	97063-322



In the rapidly changing field of life science, new technologies are constantly being introduced requiring new products and solutions. At Avantor, we are innovative in our products and processes, so we can always be ready to meet your ever-evolving needs.

# Setting science in motion to create a better world

At Avantor®, a new era has begun. From breakthrough discovery to agile delivery of advanced products and services across the globe, Avantor manufactures and distributes high-quality products, services and solutions to professionals in the life sciences and advanced technologies industries.



VWR, part of Avantor provides an integrated, seamless purchasing experience optimized for your success.

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