

## VWR<sup>®</sup> BEAD MILL HOMOGENIZERS

Rapid DNA, RNA, and  
Protein Extraction

Powerful Performance  
in a Compact Design

Reproducible  
Sample Prep

High Throughput



## 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 (8½ x 11½ x 10")
Weight, kg (lbs.)	7.48 (16½)
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, WxDxH, cm (in.)	30.5 x 43.2 x 36.8 (12 x 17 x 14½)
Weight, kg (lbs.)	29 (65)
Power Requirements	100 - 230VAC/150 - 60Hz



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

## All You Need for Life Science

At VWR, we enable Life Science throughout the world by providing the power of choice with over 5 million products for our customers. You will find new tools and products in the All You Need areas for the workflows of Cell Biology, Genomics, Proteomics, and Microbiology.



## 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

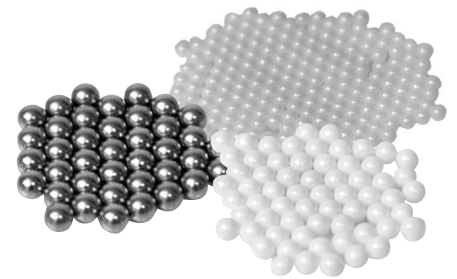
Description	Material	Volume, mL	Cat. No.
VWR Hard Tissue Grinding Mix	2.4mm Metal	1.5	10158-598
VWR Hard Tissue Grinding Mix	2.4mm Metal	2	10158-604
VWR Hard Tissue Homogenizing Mix	2.8mm Ceramic	1.5	10158-602
VWR Hard Tissue Homogenizing Mix	2.8mm Ceramic	2	10158-612
VWR Soft Tissue Homogenizing Mix	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



## All You Need for Food & Beverage

VWR has All You Need for your food and beverage applications, including the most extensive products and services to support food analytical labs and production facilities. The VWR All You Need for Food Analysis catalog is your essential portfolio of laboratory, production, and quality assurance products for the ever-growing Food and Beverage industry. All of the products you need for everything involving food analysis—from collection and sampling to quality control of the finished product—can be found within.

You can find a complete portfolio of products that support the various food and beverage applications and workflows on [vwr.com](http://vwr.com) at the Food and Beverage landing page – [vwr.com/ayn\\_fb](http://vwr.com/ayn_fb)





## VWR® Single-Channel Electronic Pipettors

- 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, $\mu\text{L}$	Accuracy	Increments, $\mu\text{L}$	Precision	Color	Cat. No.
0.5–10	$\pm 2.75\%$ at 1 $\mu\text{L}$ / $\pm 0.88\%$ at 10 $\mu\text{L}$	0.01	$\leq 1.32\%$ at 1 $\mu\text{L}$ / $\leq 0.28\%$ at 10 $\mu\text{L}$	Red	<b>10827-884</b>
2–20	$\pm 4.13\%$ at 2 $\mu\text{L}$ / $\pm 0.83\%$ at 20 $\mu\text{L}$	0.01	$\leq 1.38\%$ at 2 $\mu\text{L}$ / $\leq 0.28\%$ at 20 $\mu\text{L}$	Pale Yellow	<b>10827-918</b>
20–300	$\pm 2.57\%$ at 30 $\mu\text{L}$ / $\pm 0.39\%$ at 300 $\mu\text{L}$	0.1	$\leq 0.73\%$ at 30 $\mu\text{L}$ / $\leq 0.11\%$ at 300 $\mu\text{L}$	Green	<b>10827-920</b>
100–1200	$\pm 2.20\%$ at 120 $\mu\text{L}$ / $\pm 0.55\%$ at 1200 $\mu\text{L}$	1	$\leq 0.37\%$ at 120 $\mu\text{L}$ / $\leq 0.11\%$ at 1200 $\mu\text{L}$	Blue	<b>10827-922</b>

## 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	<b>10153-318</b>
VWR Advanced Mini Block Heater with Heated Lid	<b>10153-348</b>



## VWR Life Science AMRESKO Reagents



Description	Kit Contents	Size	Cat. No.
Agarose RA™	—	500 g	<b>97064-258</b>
DNA MW Marker, 100 bp Ladder	—	250 $\mu\text{L}$	<b>97063-488</b>
EZ-Vision® Blue Light DNA Dye	—	0.5 mL	<b>10791-798</b>
Fluorescent DNA Quantification Kit	Fluorescent DNA Assay Buffer, 10X, 200 mL; Fluorescent DNA Dye, 250 $\mu\text{L}$ ; Fluorescent DNA Standard, 1 mL	750 x 2 mL	<b>89492-620</b>
Ready PCR Mix	All reagents except template and primer DNA	2 x 1.25mL	<b>97063-322</b>



1.800.932.5000 | [vwr.com](http://vwr.com)

Prices and product details are current when published; subject to change without notice. Certain products may be limited by federal, state, provincial, or local regulations. VWR makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC. All prices are in US dollars unless otherwise noted. Offers valid in US and Canada, void where prohibited by law or company policy, while supplies last. VWR, the VWR logo and variations on the foregoing are registered (®) or unregistered trademarks and service marks, of VWR International, LLC and its related companies. All other marks referenced are registered by their respective owner(s). Visit [vwr.com](http://vwr.com) to view our privacy policy, trademark owners and additional disclaimers. ©2017 VWR International, LLC. All rights reserved.