

## VWR® HOMOGENIZERS

Benchtop and Handheld  
Homogenizers

Effectively and efficiently  
homogenize your sample

Precision and reliability



## VWR® 200 HOMOGENIZER

- Lightweight hand-held homogenizer unit
- For processing within various tube sizes to small beakers
- High-torque motor with variable speed adjustment of 5,000 to 35,000 rpm
- Use hand-held or post mount to a stand
- CE marked

The VWR® 200 Homogenizer unit has a 144 watt, high-torque motor with variable speed adjustment, allowing for homogenization in mere seconds and a maximum noise level of only 68dB. A separate ON/OFF switch conveniently allows for the slide switch speed control to remain at an ideal homogenizing speed.

The VWR® 200 Homogenizer unit is able to homogenize samples with volumes as small as 0.03mL, or as large as 1L (max sample volumes will be dependent on viscosity). The unit is ideal for use with VWR® GenPack generator probes for low-cost, repeat homogenization of many samples without the risk of cross contamination.

VWR® Generator Probe(s) are required for use with the VWR® 200 Homogenizer model and are sold separately (VWR® GenPack Adapter is required for VWR® GenPack Generator Probes).



Specifications	
Speed Range	5,000 – 35,000 rpm
Power Rating	144 Watt
Dimensions	5.5 x 19.8 x 5 cm (2.15 x 7.8 x 1.98")
Noise Rating	68 dB
Weight (kg)	0.64 kg (1.4 lbs.)
Electrical	120V, 50/60Hz

Description	Details	Cat. No.
VWR® 200 Homogenizer	–	10032-336

Accessories		
VWR® 5 x 75mm Flat-Bottom Generator Probe	For 0.5–2 mL Tubes	10032-562
VWR® 7 x 95mm Saw-Tooth Generator Probe	For 1.5–10 mL Tubes	10032-566
VWR® 10 x 115mm Saw-Tooth Generator Probe	For 5–50 mL Tubes	10032-568
VWR® 20 x 115mm Saw-Tooth Generator Probe	For 50 mL Tubes and Small Beakers	10032-570
VWR® GenPack Adapter	Required for GenPack	10032-558
VWR® GenPack Generator Probes, 12-Pack	For 1.5–15 mL Tubes	10032-560
VWR® 200 Homogenizer Stand Assembly	10 pounds, (6 x 6 x 24 inches")	10032-346

## VWR® 250 HOMOGENIZER

- Versatile hand-held homogenizer unit
- Ideal for processing volumes from 0.03mL to 5L
- High-torque motor with variable speed adjustment of 10,000 to 30,000 rpm
- Use hand-held or post mount to a stand

The VWR® 250 Homogenizer unit is a perfect fit between the VWR® 200 Homogenizer unit and the Benchtop VWR® Homogenizer units. It's lightweight enough to be handheld for convenience, yet offers extra torque for processing difficult samples. A separate ON/OFF switch effortlessly allows for the dial knob speed control to remain at an ideal homogenizing speed.

Combining the power of a ¾hp, 576 watt motor with smooth variable speed control, the VWR® 250 Homogenizer is capable of easily handling a wide range of sample sizes. With VWR® Generator Probes ranging in diameter from 5mm to 30mm, it can process samples from 0.03mL to 5L (max sample volumes will be dependent on viscosity).

VWR® Generator Probe(s) are required for use with the VWR® 250 Homogenizer model and are sold separately (VWR® GenPack Adapter is required for VWR® GenPack Generator Probes).



Specifications	
Speed Range	10,000 – 30,000 rpm
Power Rating	576 Watt
Dimensions	6.9 x 22.8 x 6.9 cm (2.75 x 9 x 2.75")
Noise Rating	72 dB
Weight (kg)	1.5 kg (3.2 lbs.)
Electrical	120V, 50/60Hz

Description	Details	Cat. No.
VWR® 250 Homogenizer	–	10032-338

Accessories		
VWR® 5 x 75mm Flat-Bottom Generator Probe	For 0.5–2 mL Tubes	10032-562
VWR® 7 x 95mm Saw-Tooth Generator Probe	For 1.5–10 mL Tubes	10032-566
VWR® 10 x 115mm Saw-Tooth Generator Probe	For 10–50 mL Tubes	10032-568
VWR® 20 x 115mm Saw-Tooth Generator Probe	For 50 mL Tubes and Small Beakers	10032-570
VWR® 20 x 200mm Saw-Tooth Generator Probe	For Medium–Large Beakers	10032-572
VWR® 30 x 200mm Open-Slotted Generator Probe	For Large Beakers and Containers	10032-574
VWR® GenPack Adapter	Required for GenPack	10032-558
VWR® GenPack Generator Probes, 12-Pack	For 1.5–15 mL Tubes	10032-560
VWR® 250 Homogenizer Small Stand Assembly	4.5kg (10lbs.), 15.2x15.2x60.9cm (6x6x24")	10032-554
VWR® 250 Homogenizer Stand Assembly	4.5kg (10lbs.), 30.5x35.5x60.9cm (12x14x24")	10032-348

## VWR® 15D Digital Homogenizer with Brushless Motor

- Quiet maintenance free drive
- Digital display and variable speed control
- Perfect for clean room applications
- 0.05ml - 1.5 L volume range and viscosity up to 5,000 mPas

The VWR® 15D Homogenizer can be used for disruption of tissues samples in biotechnology, sample preparation in medicine, enzymatic treatment in the food industry as well as various applications in pharmaceutical, cosmetic, paint, petro chemical, and other industrial applications.

The VWR® 15D Homogenizer's brushless motor guarantees numerous years of maintenance free operation as it has no carbon brushes, so it runs cleaner and quieter. This allows end-users to operate without ear plugs or without the annoyance of loud noises heard from brush type homogenizers. The VWR® 15D Homogenizer's brushless design makes it ideal for processing volatile or flammable organic compounds and buffer too.

It can process samples from 0.05ml to 1.5L (higher sample volumes dependent on viscosity). VWR® Generator Probe(s) are required for use with the VWR® 15D Homogenizer model and are sold separately (VWR® GenPack Adapter is required for VWR® GenPack Generator Probes).



Specifications	
Speed Range	0 – 16,500 rpm
Power Rating	150 Watt Brushless Motor
Dimensions	24.13 x 17.78 x 63.5 cm (9.5 x 7 x 25")
Noise Rating	55 dB
Weight (kg)	7.71 kg (17 lbs.)
Electrical	120V, 50/60Hz

Description	Details	Cat. No.
VWR® 15D Digital Homogenizer	–	75800-450
Accessories		
VWR® 5 x 75mm Flat-Bottom Generator Probe	For 0.5–2 mL Tubes	10032-562
VWR® 7 x 95mm Saw-Tooth Generator Probe	For 1.5–10 mL Tubes	10032-566
VWR® 10 x 115mm Saw-Tooth Generator Probe	For 10–50 mL Tubes	10032-568
VWR® 20 x 115mm Saw-Tooth Generator Probe	For 50 mL Tubes and Small Beakers	10032-570
VWR® 20 x 200mm Saw-Tooth Generator Probe	For Medium–Large Beakers	10032-572
VWR® GenPack Adapter	Required for GenPack	10032-558
VWR® GenPack Generator Probes, 12-Pack	For 1.5–15 mL Tubes	10032-560

## VWR® 25D Digital Homogenizer

- Compact digital homogenizer unit with high watt motor
- 0.05ml - 3.5 L volume range and viscosity up to 50,000 mPas
- Bright LED display and user-friendly controls
- Can homogenize, emulsify, blend and/or mix
- Includes U-shape post mounted stand assembly

The versatile and powerful VWR® 25D Homogenizer is ideal for a wide range of lab applications, including but not limited to compounding, emulsions and suspensions, cell disruption, protein extractions, medical research or pharmaceutical processing.

The VWR® 25D Homogenizer has a wide volume capability with processing up to 3.5 Liters (higher sample volumes dependent on viscosity). Its digital display and speed control provides the ability to fine-tune speeds between 0 to 30,000 RPM, allowing its speed adjustment to be precisely controlled within the range.

VWR® Generator Probe(s) are required for use with the VWR25D Homogenizer model and are sold separately (VWR® GenPack Adapter is required for VWR® GenPack Generator Probes).



Specifications	
Speed Range	0 – 30,000 rpm
Power Rating	576 Watt
Dimensions	35.56 x 30.48 x 60.96 cm (14 x 12 x 24")
Noise Rating	68 dB
Weight (kg)	8.16 kg (18 lbs.)
Electrical	120V, 50/60Hz

Description	Details	Cat. No.
VWR® 25D Digital Homogenizer	–	75800-448
Accessories		
VWR® 5 x 75mm Flat-Bottom Generator Probe	For 0.5–2 mL Tubes	10032-562
VWR® 7 x 95mm Saw-Tooth Generator Probe	For 1.5–10 mL Tubes	10032-566
VWR® 10 x 115mm Saw-Tooth Generator Probe	For 10–50 mL Tubes	10032-568
VWR® 20 x 115mm Saw-Tooth Generator Probe	For 50 mL Tubes and Small Beakers	10032-570
VWR® 20 x 200mm Saw-Tooth Generator Probe	For Medium–Large Beakers	10032-572
VWR® GenPack Adapter	Required for GenPack	10032-558
VWR® GenPack Generator Probes, 12-Pack	For 1.5–15 mL Tubes	10032-560

## VWR® Digital Benchtop Homogenizers

- Compact Digital Benchtop Units with 1305 High-Watt Motor
- Able to Homogenize, Emulsify, Blend and/or Mix
- Sample Volume Range Capability from Micro-liters to Multi-liters
- Motorized UP/DOWN Stand
- CE Marked

The VWR® 400D and 400DEL Digital Benchtop Homogenizer units are the perfect balance of power and superior performance. Combining a high-watt motor and advanced technology in digital speed controls has resulted in the most reliable and durable laboratory benchtop homogenizer units. With its three Turn Speed Knob ability to adjust rpm in the hundreds (opposed to thousands), and a brighter LED display, these units provide significantly more user-friendly control. Additional features include the Dual-Power Light Indicator for simpler error/problem identification, and the motorized UP/DOWN stand to provide effortless, accurate, and smooth motor positioning. Also included is a 25.4x22.8cm (10x9") U-shaped base.

With a sample volume range capability from micro-liters to liters, these units demonstrate enormous processing versatility. They are designed to homogenize, emulsify, blend, and/or mix organic and inorganic materials. The VWR® 400D and 400DEL Digital Benchtop Homogenizers are used in combination with VWR® Generator Probes ranging in diameter from 5mm to 59mm, and can process samples from 0.03mL to 5L. Maximum sample volume will be dependent on viscosity.

VWR® Generator Probe(s) are required for use with the VWR® 400D and 400DEL Digital Benchtop Homogenizer units and are sold separately (VWR® GenPack Adapter is required for VWR® GenPack Generator Probes).



Description	Cat. No.
VWR® 400D Digital Benchtop Homogenizer	10032-342

Specifications	
Speed Range	0 – 23,000 rpm
Power Rating	1305 Watt
Dimensions	30.5 x 35.5 x 76.2 cm (12 x 14 x 30")
Noise Rating	68 dB
Weight (kg)	18.1 kg (40 lbs.)
Electrical	120V, 50/60Hz

Description	Cat. No.
VWR® 400DEL Digital Benchtop Homogenizer	10032-344

Specifications	
Speed Range	10,000 – 30,000 rpm
Power Rating	1305 Watt
Dimensions	30.5 x 35.5 x 104.1 cm (12 x 14 x 41")
Noise Rating	68 dB
Weight (kg)	19 kg (42 lbs.)
Electrical	120V, 50/60Hz

Please refer to the next page for accessories.

## VWR® Homogenizer Generator Probes

- Made from 316 Stainless Steel and PTFE
- Quick Connect Design for Ease of Use and Safety
- Disassemble and Reassemble in Seconds
- Chemically Compatible with All Cleaning Methods

VWR® Generator Probes are manufactured out of 316 stainless steel for the utmost in chemical compatibility. They are precision crafted with a very narrow clearance between the inner rotating shaft and outer tube/chamber, which allows for quick & effective sample breakdown as well as repetitive processing, meaning you will get the results you want each and every time.

Unlike many competitors that offer a one-year warranty or no warranty on their probes, VWR® Generator Probes have a double bearing design for strength & stability, providing better performance, safety, and longer product life, which allows for the two-year manufacturer defect warranty on all VWR® Generator Probes.

VWR® Generator Probes are designed to be anti-foaming and are very easy to take apart and clean in-between samples; a simple unscrewing of the top set screw allows for disassembly in a few seconds. Appropriate cleaning procedures include chemically cleaning, autoclaving and flaming.

Complete replacement parts for the generator probes are available, thereby extending the life of this valuable piece of equipment. For tougher samples, saw-tooth or open slotted generator probes are recommended.

These VWR® Generator Probes may be used on all VWR® Benchtop Homogenizers.



Accessories for Benchtop Homogenizers	Details	Cat. No.
VWR® 5 x 75mm Flat-Bottom Generator Probe	For 0.5–2 mL Tubes	10032-562
VWR® 7 x 95mm Saw-Tooth Generator Probe	For 1.5–10 mL Tubes	10032-566
VWR® 10 x 115mm Saw-Tooth Generator Probe	For 5–50 mL Tubes	10032-568
VWR® 20 x 115mm Saw-Tooth Generator Probe	For 50 mL Tubes and Small Beakers	10032-570
VWR® 20 x 200mm Saw-Tooth Generator Probe	For Medium–Large Beakers	10032-572
VWR® 30 x 200mm Open-Slotted Generator Probe	For Large Beakers and Containers	10032-574
VWR® 37 x 200mm Open-Slotted Generator Probe	For Large Beakers and Containers	10032-576
VWR® 43 x 200mm Open-Slotted Generator Probe	For Large Beakers and Containers	10032-580
VWR® 59 x 200mm Open-Slotted Generator Probe	For Large Beakers and Containers	10032-584
VWR® GenPack Adapter	Required for GenPack	10032-558
VWR® GenPack Generator Probes, 12-Pack	For 1.5–15 mL Tubes	10032-560

The homogenizers and accessories in this brochure are supplied with a manufacturer's 2-year parts and labor warranty. For assistance in selecting a homogenizer that best suits your applications needs, please contact your VWR® Sales Representative, visit [vwr.com](http://vwr.com), or call **1.800.932.5000** today.



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

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