VWR® Ultrasonic baths

The housing and tank of VWR® Ultrasonic bath are constructed from high-quality SUS 304 stainless steel, providing durability and longevity. Equipped with a user-friendly interface, the display offers an intuitive function selection and a real-time parameter setting. It also features intelligent detection upon startup, promptly alerting users to any potential issues by buzzer and alarm. Additionally, it continuously monitors the power supply voltage in real time to ensure optimal operating conditions. The heating automatic stirring function ensures uniform liquid temperature throughout the tank. The anti-leakage tray prevents damage to electrical components and risk of hazards in case of leakage.

- Various ultrasonic modes (soft/strong/frequency sweep) can be easily combined as necessary
- Standalone degassing function with soft/strong/frequency sweep modes
- Automatic heating stirring function
- Real-time working parameters are automatically stored
- Empty-tank heating protection

Normal mode operates at a fixed ultrasonic frequency. Sweep mode operates with varying frequency providing efficient and low blind-zone cleaning performance. Degassing mode quickly removes air from newly added cleaning solution to improve efficiency. Pulse mode uses intermittent ultrasonic operation to create a pulsating washing action in the tank, effectively removing stubborn dirt.

Specification table

Operating frequency (kHz)	RF power (W)	Heating power (W)	Temperature control point (°C)	Internal dimensions of cleaning tank (mm)	Volume (L)	Cat. No
37	40	-	-	150×140×100	2	142-0168
37	40	52W	45, 50, 60	150×140×100	2	142-0169
37	90	-	-	240×140×100	3	142-0170
37	90	115W	45, 50, 80	240×140×100	3	142-0171
37	144	-	-	300×150×150	6	142-0172
37	144	196W	45, 50, 80	300×150×150	6	142-0173
37	180	-	-	300×240×150	10	142-0174
37	180	300W	45, 50, 80	300×240×150	10	142-0175
37	240	-	-	330×300×150	15	142-0176
37	240	400W	45, 50, 80	330×300×150	15	142-0177
37	320	-	-	500×300×150	22.5	142-0178
37	320	600W	45, 50, 80	500×300×150	22.5	142-0179
37	384	-	-	500×300×200	30	142-0180
37	384	820W	45, 50, 80	500×300×200	30	142-0181
37	90	-	-	240×140×100	3	142-0182
37	90	115W	20~80	240×140×100	3	142-0183
37	144	-	-	300×150×150	6	142-0184
37	144	196W	20~80	300×150×150	6	142-0185
37	180	-	-	300×240×150	10	142-0186
37	180	300W	20~80	300×240×150	10	142-0187
37	240	-	-	330×300×150	15	142-0188
37	240	400W	20~80	330×300×150	15	142-0189
37	320	-	-	500×300×150	22.5	142-0190
37	320	600W	20~80	500×300×150	22.5	142-0191
37	384	-	-	500×300×200	30	142-0192
37	384	820W	20~80	500×300×200	30	142-0193

Cat. No.	142-0168	142-0169	142-0170, 142-0172, 142-0174, 142-0176, 142-0178, 142-0180	142-0171, 142-0173, 142-0175, 142-0177, 142-0179, 142-0181	142-0182, 142-0184, 142-0186, 142-0188, 142-0190, 142-0192	142-0183, 142-0185, 142-0187, 142-0189, 142-0191, 142-0193
Timer 1 to 99 minutes					✓	✓
Timer 1 to 199 minutes	✓	✓	✓	✓		
Heater		45, 50, 60 °C		45, 50, 80 °C		Variable 20 - 80 °C
Degas and sweep mode			✓	✓		
Degas, sweep and pulse mode					✓	✓

Description	Cat. No.
LED display	
Ultrasonic cleaner with timer, 2 L w/o heat	142-0168
Ultrasonic cleaner with timer and heater with 3 temperature points, 2 L	142-0169
Ultrasonic cleaner with timer, degas, and sweep mode, 3 L w/o heat	142-0170
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 3 L	142-0171
Ultrasonic cleaner with timer, degas, and sweep mode, 6 L w/o heat	142-0172
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 6 L	142-0173
Ultrasonic cleaner with timer, degas, and sweep mode, 10 L w/o heat	142-0174
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 10 L	142-0175
Ultrasonic cleaner with timer, degas, and sweep mode, 15 L w/o heat	142-0176
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 15 L	142-0177
Ultrasonic cleaner with timer, degas, and sweep mode, 22.5 L w/o heat	142-0178
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 22.5 L	142-0179
Ultrasonic cleaner with timer, degas, and sweep mode, 30 L w/o heat	142-0180
Ultrasonic cleaner with timer, degas, sweep mode, and heater with 3 temperature points, 30 L	142-0181
LCD display	
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 3 L w/o heat	142-0182
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 3 L	142-0183
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 6 L w/o heat	142-0184
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 6 L	142-0185
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 10 L w/o heat	142-0186
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 10 L	142-0187
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 15 L w/o heat	142-0188
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 15 L	142-0189
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 22.5 L w/o heat	142-0190
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 22.5 L	142-0191
Ultrasonic cleaner with timer, degas, sweep and pulse mode, 30 L w/o heat	142-0192
Ultrasonic cleaner with timer, degas, sweep and pulse mode and heater with variable temperature, 30 L	142-0193

w/o - without

Accessories for the VWR® Ultrasonic water baths	Cat. No.
Cover for 2 L	142-0194
Cover for 3 L	142-0195
Cover for 6 L	142-0196
Cover for 10 L	142-0197
Cover for 15 L	142-0198
Cover for 22.5 L/30 L	142-0199
Basket for 2 L	142-0200
Basket for 3 L	142-0201
Basket for 6 L	142-0202
Basket for 10 L	142-0203
Basket for 15 L	142-0204
Basket for 22.5 L	142-0205
Basket for 30 L	142-0206
Support rack for 2 L	142-0207
Support rack for 3 L	142-0208
Support rack for 6 L	142-0209
Support rack for 10 L	142-0210
Support rack for 15 L	142-0211
Support rack for 22.5 L/30 L	142-0212
250 ml beaker positioning cover for 2 L	142-0213
600 ml beaker positioning cover for 2 L	142-0214
250 ml beaker positioning cover for 3 L	142-0215
600 ml beaker positioning cover for 3 L	142-0216
250 ml beaker positioning cover for 6, 10, 15, 22.5, 30 L	142-0217
600 ml beaker positioning cover for 6, 10, 15, 22.5, 30 L	142-0218
Drainpipe for 10, 15, 22.5, 30 L	142-0219

Tank covers and support rack included with delivery of instruments. Tank drains pipe are included in the baths on 10 L models and larger.

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