



Cole-Parmer® ULTRASONIC CLEANERS

SAFE, HIGH-POWERED CLEANING
FOR EVEN THE MOST DELICATE
INSTRUMENTS & GLASSWARE



Cole-Parmer® Ultrasonic Cleaners

These economical ultrasonic cleaners offer a powerful solution for your most challenging cleaning applications. These units are rugged enough for industrial usage, yet safe enough for delicate electronic parts and precious jewelry, and consistent enough to meet medical and laboratory standards. Cleaners are easy to set up and provide quality cleaning action with reliable results.

APPLICATIONS

- Medical/dental instruments
- Lab glassware, test tubes
- Industrial switches, gears, and bearings



FEATURES

- Innovative, newly redesigned transducers assure both durability and superior cleaning power
- Automatic reset function is programmed to your last setting to ensure batch-to-batch consistency
- Built-in temperature sensor prevents overheating by automatically shutting down cleaner when solution exceeds 158°F (70°C)
- Models with degas function eliminate air bubbles from the cleaning solution for more efficient cleaning
- Cleaner capacity sizes include ½, ¾, 1 ½, 2 ½, and 5 ½ gallons

**Operate all day, every day,
at peak performance**



Cole-Parmer® Ultrasonic Cleaners

CAVITATION

Ultrasonic sound waves move through the cleaning solution creating an effect called cavitation (the rapid formation and collapse of microscopic bubbles). This violent collapse, along with the cleaning chemistry, scrubs every wetted surface, removing the most stubborn contaminants from blind holes and internal surfaces.

SWEEP FREQUENCY

The sweep frequency function on all Cole-Parmer® ultrasonic cleaners provides uniform cleaning by continually varying the wave frequency within the tank, creating overlapping ultrasonic waves that eliminate cleaning voids. As a result, cleaners are powerful enough to remove heavy oils, buffing compounds, and proteins.

RUGGED HOUSING

The 304 stainless steel tank is encased in an impact-resistant polypropylene housing. For extra protection against spills and leakage, small-capacity models feature convenient built-in pour spouts, while the larger models incorporate quick-disconnect tank drains with valves.

FLEXIBLE CONFIGURATIONS

Economical and easy-to-operate cleaners are offered with mechanical timer; mechanical timer and heater; or digital timer, heater, temperature monitor, and degas feature. Order insert trays and beaker positioning covers separately—ultrasonic activity is greatest about an inch from the bottom of the tank, so suspending your items provides the best cleaning possible and helps prevent damage to the transducers.



Use accessories to achieve optimal cleaning results



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For further information,
go to ColeParmer.com

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International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.



FREE TECHNICAL APPLICATIONS ASSISTANCE!

PERFORMANCE SPECIFICATIONS

- 42 kHz sound waves provide greater cleaning power
- Selectable timer function on digital models allows for controlled cleaning cycles up to 99 minutes



Ultrasonic Cleaners

Capacity	Tank dimensions (L x W x H)	Power (50/60 Hz)	With mechanical timer		With mechanical timer and heater		With heater, digital timer, temperature monitor, and degas feature	
			Catalog number	Amps	Catalog number	Amps	Catalog number	Amps
½ gallon*	5½" x 6" x 4"	115 VAC	ML-08890-01	0.8	ML-08890-11	1.3	ML-08890-21	1.4
		230 VAC	ML-08890-06	0.4	ML-08890-16	0.6	ML-08890-26	0.7
¾ gallon*	9½" x 5½" x 4"	115 VAC	ML-08891-01	1.1	ML-08891-11	2.0	ML-08891-21	2.0
		230 VAC	ML-08891-06	0.6	ML-08891-16	1.0	ML-08891-26	1.1
1½ gallons†	11½" x 6" x 6"	115 VAC	ML-08892-01	1.1	ML-08892-11	2.8	ML-08892-21	2.9
		230 VAC	ML-08892-06	0.6	ML-08892-16	1.5	ML-08892-26	1.5
2½ gallons†	11½" x 9½" x 6"	115 VAC	ML-08893-01	1.5	ML-08893-11	4.2	ML-08893-21	4.2
		230 VAC	ML-08893-06	0.8	ML-08893-16	2.0	ML-08893-26	2.1
5½ gallons†	19½" x 11" x 6"	115 VAC	ML-08894-01	2.7	ML-08894-11	8.0	ML-08894-21	8.0
		230 VAC	ML-08894-06	1.4	ML-08894-16	4.0	ML-08894-26	4.0

*The ½- and ¾-gallon cleaners have a pour spout. †The 1½-, 2½-, and 5½- gallon cleaners have a quick-disconnect drain.

Accessories

Compatible ultrasonic cleaners	Solid insert trays	Perforated insert trays	Mesh insert trays	Beaker positioning covers		
	Cat. no.	Cat. no.	Cat. no.	Cat. no.	Beakers held	Material
08890-series, 08895-00 to -10	ML-08850-41	ML-08850-42	ML-08850-45	ML-08890-50	One 600 mL	Polypropylene
08891-series, 08895-12 to -22	ML-08851-41	ML-08851-42	ML-08851-45	ML-08891-50	Two 600 mL	Polypropylene
08892-series, 08895-24 to -34	ML-08852-41	ML-08852-42	ML-08852-45	ML-08892-50	Three 250 mL	Polypropylene
08893-series, 08895-36 to -58	ML-08853-41	ML-08853-42	—	ML-08893-50	Four 600 mL	Polypropylene
08894-series, 08895-60 to -70	ML-08854-41	ML-08854-42	—	ML-08894-50	Six 600 mL	304 stainless steel

What's included:

Polypropylene lid (stainless steel lid on 08894-series), integral handles, and a 7½-ft power cord (115 VAC models include plug; 230 VAC models do not include plug).