



## Cole-Parmer Ultrasonic Cleaner, Heater/Digital Timer; 0.75 gal, 230V

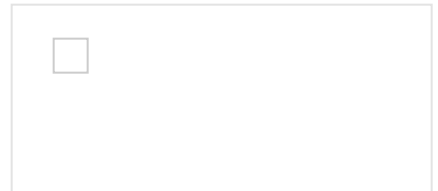
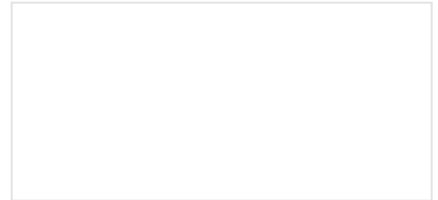
Cole-Parmer – Item # EW-08895-51

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High-frequency 40 kHz sound waves provide greater cleaning power and increased reliability

- Sweep frequency provides uniform cleaning by creating overlapping sound waves
- Can also be used for cell separation, sample preparation and degassing of liquids
- 3 year warranty

### PRODUCT OPTIONS



**Include today...**



Cole-Parmer  
Essentials  
Clean Wipes,  
70%  
Alcohol/30%  
DI Water; 100  
Wipes/Canister

# Specifications & Description

Capacity (Gal)	0.75
Capacity (Liters)	2.8
Tank Length (in)	9 1/2
Tank Width (in)	5 1/2
Tank Height (in)	4
Tank Length (cm)	24.1
Tank Width (cm)	14
Tank Height (cm)	10.2
Power (VAC)	230
Power (Hz)	50/60
Power (amps)	1.1
Frequency Output (KHz)	40
Description	Ultrasonic Cleaner, Heater/Digital Timer; 0.75 gal, 230V
Warranty	3 Years



## MORE ABOUT THIS ITEM

These cleaners transform low-frequency AC current into 40 kHz high-frequency sound waves.. via a piezoelectric transducer. The transducer creates sinusoidal waves, which in turn cause cavitation—the formation and violent collapse of minute vacuum bubbles in the solution. These implosions thoroughly scrub every surface with which the solution makes contact, yet are not harsh on delicate items. Cleaners also feature “sweep” frequency that provides uniform cleaning throughout the tank by creating overlapping ultrasonic waves and eliminating inconsistent cleaning due to areas of intense ultrasonic activity.

The leakproof housing features super-sealing double O-rings and recessed ventilation. The 304 stainless steel (SS) tank is surrounded by a durable, impact-resistant polypropylene housing. Sealed membrane control panel is impervious to splashes and spills.

### **Ultrasonic Cleaners with Digital Timer, Power Tracking, Sleep Mode and Degas Feature**

For critical cleaning applications up to 90 minutes or continuous operation. Our advanced digital models have the features needed to enhance control for those precision applications when required. Power tracking automatically adjusts to light or heavy loads by compensating for liquid level and temperature changes while maintaining the same ultrasonic power to the tank. Cleaners go into sleep mode once cycle is complete and no key has been touched for 15 minutes. The degas feature eliminates air bubbles from the solution for more efficient cleaning.

For the ultimate in critical cleaning these cleaners also feature an adjustable heater from 68 to 156°F (20 to 69°C) and a temperature sensor that prevents overheating. A high/low power feature lets you choose full power for ultimate cleaning or low (70%) for delicate applications. Auto ultrasonic activation turns the unit on once the set temperature is reached and starts timer countdown. Once cycle is complete, the heater and ultrasonics are turned off.

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