

ULTRASONIC CLEANER & Q-SONIC



QUALITY LAB ACCESSORIES

QLA ULTRASONIC CLEANER

The QLA Ultrasonic Cleaner is a unique, compact multi-functional workstation designed to automate many time-consuming manual laboratory tasks. Whether your focus is component cleaning, dissolving poorly soluble compounds or deairating, the QLA Ultrasonic Cleaner is designed to save valuable test preparation and cleanup time in your lab.



Cleaning Benefits:

The QLA Ultrasonic Cleaner was created with cleaning in mind. The system works by passing frequency optimized sound waves through a heated, proprietary cleaning solution, causing millions of microscopic bubbles to collapse in a process called cavitation. This process is highly effective at dissolving sticky and difficult-to-remove compounds that vigorous scrubbing or harsh solvents could damage. The QLA Ultrasonic Cleaner combines the vibrations from ultrasonication and the ability to heat up to 80 °C for potent cleaning ability. When combined with our proprietary Q-Sonic Cleaning Solution, it is capable of cleaning nearly any item in a fraction of the time of manual methods.

Before



After



Poorly Soluble Compounds:

It can be difficult to ensure a uniform mixture with a compound that is only slightly soluble in the solvent. This can require lab staff to spend extra time mixing in order to ensure that solutions and/or standards are ready for analysis. The QLA Ultrasonic Cleaner harnesses the power of sonic waves to quickly dissolve even the most difficult compounds. The built-in timer function allows lab staff to place the solutions into the waterbath, set the timer, and focus on other tasks while the sonic action does all the work.

Degassing:

Helium sparging can be expensive, time consuming and many times unavailable. Heating and Vacuum Filtration requires the user to manually pour heated media through a filter under vacuum. This can be time-consuming and is a process that can only be done manually. Sonication can provide quick, efficient automated degassing when performed at temperatures of 45° C.

Product Specifications

Unit Size (Ext Dims w/valve)	UC30/UC30-230	UC6.5/UC6.5-230
Length	25.5 in. (64.8 cm)	17.5 in. (44.5 cm)
Width	12.8 in. (32.5 cm)	6.8 in. (17.2 cm)
Height	13.2 in. (33.5 cm)	10.7 in. (27.2 cm)

Tank Capacity	UC30/UC30-230	UC6.5/UC6.5-230
Tank Length	19.7 in. (50.0 cm)	11.8 in. (30.0 cm)
Tank Volume	11.8 in (30.0 cm)	5.9 in (15.0 cm)
Tank Depth	7.9 in (20.0 cm)	5.9 in (15.0 cm)
Volume	7.9 gal (30 L)	1.7 gal (6.5 L)

Performance	Specification
Temperature Range	Room Temp – 80°C
Time Setting	0-30 Minutes
Voltage, Frequency	115 V, 60 Hz / 230 V 50 Hz
Ultrasonic Power	600W (UC30/UC30-230) / 180 W (UC6.5/UC6.5-230)
Heater Power	500W (UC30/UC30-230)/ 200W (UC6.5/UC6.5-230)

The QLA Ultrasonic Cleaner comes with a limited 2 year warranty.

For more information on the QLA Ultrasonic Cleaner, contact your QLA Representative or Distributor.

Q-SONIC ULTRASONIC CLEANER SOLUTION



QLA's NEW Ultrasonic Cleaning Solution was designed specifically for your busy lab environment. There is no longer a need to change cleaning solutions for different materials! Our proprietary, concentrated formula effectively cleans 316 Stainless Steel, PEEK, PTFE, silicone, and other common lab accessory materials. Q-Sonic Ultrasonic Cleaner Solution is most effective when used in our frequency and temperature optimized Ultrasonic Cleaner but can be used with any sonicating water bath.



- ✓ All-in-one formula saves you money.
- ✓ Proven more effective than DI Water alone.
- ✓ Non-Hazardous.
- ✓ No special disposal necessary.
- ✓ Non-Flammable.
- ✓ No staining or discoloration.
- ✓ No odor.
- ✓ Non-Oxidizing.

QLA Part# QSONIC

Q-Sonic Ultrasonic Cleaner Solution, 8oz Bottle

QLA Part# QSONIC-3

Q-Sonic Ultrasonic Cleaner Solution, 8oz Bottle (3-Pack)

SPECIFICATIONS ULTRASONIC CLEANERS

GENERAL NOTES

The Ultrasonic Cleaner is a stand-alone unit designed for the busy laboratory. Our unique ultrasonic frequency has been optimized for high-performance cleaning of many different types of common materials. Paired with QLA's proprietary, single-dose QSONIC cleaning solution, the QLA Ultrasonic Cleaner is the most complete, efficient and robust system on the market.

The temperature can be set between ambient temperature and 80°C directly from the easy to use front panel display. A quick-release drain hose allows for fast fluid removal and cleaning.



Custom accessories are also available for specific applications.



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