



## SONITek series Ultrasonic Cleaners

Delivering 3x the industry standard (132 kHz) of micro-mechanical scrubbing action.

	Acute Series US100S	Acute Series US100SL   SR	Acute Series US150T	Acute Series US150TL   TR	Smart Series US200EX	Smart Series US200EXL   EXR
<b>Function</b>	Wash	Wash   Rinse   Dry	Wash	Wash   Rinse   Dry	Wash	Wash   Rinse   Dry
<b>Tank Dimensions</b> L x W x H   inches	9.5 x 19.75 x 3.5	9.5 x 19.75 x 3.5	11.75 x 23.75 x 3.5	11.75 x 23.75 x 3.5	11.75 x 23.75 x 3.5	11.75 x 23.75 x 3.5
<b>Unit Dimensions</b> L x W x H   inches	30 x 35 x 34.5	68 x 35 x 34.5	36 x 35 x 34.5	72 x 35 x 34.5	36 x 35 x 34.5	72 x 35 x 34.5
<b>Tank Quantity</b>	1	2	1	2	1	2
<b>Tank Capacity</b> gallons	15 gal.	15 gal.	20 gal.	20 gal.	17 gal.	17 gal.
<b>Available Frequency</b>	132 kHz	132 kHz	132 kHz	132 kHz	132 kHz	132 kHz
<b>Sonic Power</b> avg wattage	1000 W.	1000 W.	1500 W.	1500 W.	2000 W.	2000 W.
<b>Heat Power</b> wattage	1000 W.	1000 W.	2000 W.	2000 W.	2000 W.	2000 W.
<b>Voltage</b> 3ph/50-60Hz	208V	208V	208V	208V	208V	208V

### What's the difference between the SONITek Acute and Smart Series Ultrasonics?

#### Acute Series includes:

- PLC control module with digital timer control.
- Push button control switches.
- 132 kHz frequency powers 1500 watts of transducer arrays.
- Autofill with a Venturi injector.
- Automatic gravity flow drain.
- Flushing pump unit for 10-port manifold.
- Kickstart plate for hands-free operation.

#### Smart Series includes:

- PLC control module touchscreen HMI interface.
- 4 programmable cycles
- Autofill with detergent injection pumps.
- Drain cycle high-velocity flush with low-pressure indicator.
- 10-port standard lumen manifold cleaning capable.
- Incoming water filter inlet.
- Dual frequency, 58/132 kHz powering 2000 watts of transducer arrays.
- Integrated lid spray rinse assembly in the final process step before opening.

## Features

- The heated process tank maintains a 120°F temperature.
- 58 kHz and 132 kHz frequencies for precision cleaning and rinsing.
- Low liquid level protection.
- Headers for cleaning cannulated instruments.
- Baskets equipped with built-in handles.
- Automatic, self-raising tray for loading instruments.
- Auto open/close lid cover with indicator.
- Door and panel interlock switches for operator protection.
- The drain valve assembly is available for 2.5 gallons and higher tank capacities.
- Ceramically enhanced transducer technology.
- Generator's digital power control provides consistent cleaning results.
- Deep-drawn stainless steel tanks with rounded corners for easy cleaning.
- All models are ETL listed for UL/CSA/CE standards.
- Digital power control, drain valve assemblies (for larger tanks).
- Safe heaters enhance efficiency and user-friendliness.
- Homogeneous sound field, energy distribution, and prevention of standing waves using frequency modulation (sweep).
- Sweeping ultrasonic frequency of 3 kHz

## Utilities

**Power (P)** 208 V, 60 Hz, 3-Phase

**Drain (D)** 1 1/4" NPT CPCV male slip.

**Water (W)** 1/2" NPT hot and cold water supply lines.



Smart Series PLC touchscreen.



Acute Series push button control switches.



Smart Series integrated lid spray rinse



Acute Series kickstart plate for hands-free operation.

## Accessories

- Extended hose assemblies for detergent containers.
- Low protection notification level switches for 10L detergent bottle use.
- Flush and hose kit assemblies.
- Perforated cover for beaker use (70 / 90mm).
- Beakers Ø 70 / 90mm, volume (250 / 600ml).

## SCIENTEK brand Cleaning Chemistries



### Why Chemistry Compatibility Matters

Using the wrong detergent — or a generic substitute — can damage instrument finishes, compromise delicate mechanisms, accelerate corrosion, and undermine the very cycle performance your washer was designed to deliver. SCIENTEK chemistries are formulated to be fully compatible with stainless steel, aluminum, and plastics, and are designed to work in coordination with SCIENTEK brand instrument washers and ultrasonic reprocessing systems.

The SCIENTEK brand cleaning chemistries are available through the Spire Integrated Solutions online parts store. Questions about which products are right for your department? [Reach out to our healthcare team — we're here to help.](#)