

# Lif-Sonic

## Ultrasonic - Lift - Agitate Wash



### Overview

Lif-Sonic is a fully functioning, value-priced industrial cleaning cell. The self-contained unit features integration of both agitation and ultrasonic actions to soak, agitate and ultrasonically process parts for cleaning. The complete, all-in-one cell features a single power drop, air coupling with filter, water inlet and and drain connections.

Lif-Sonic is ideal for users on a limited budget but who need more aggressive cleaning actions provided by immersion agitation and powerful ultrasonics. Both actions are in this same unit for wide variety of industrial cleaning applications.



- **Dual Mechanical Scrubbing Action Minimizes Labor**  
A vertical lift platform provides aggressive mechanical agitation action to eliminate gross hand cleaning efforts. Then, ultrasonic cavitation action thoroughly cleans into every crack and crevice exceeding any hand cleaning efforts to provide a labor saving “one-two” cleaning process.
- **Mechanically Agitating Lift Platform**  
The vertical pneumatic lift platform automatically lowers and lifts the load in the tank. The platform can mechanically agitate the load in the bath and is pneumatically operated with a load capacity up to 50 pounds.
- **Ultrasonic Power**  
Each unit has rated output of 1000 watts at nominal frequency of 20 kiloHertz through a magnetostrictive, space-laminated, bottom-mounted 11” by 14” immersible transducer.
- **Heat and Temperature Control**  
The process bath is heated by a 1.5 kiloWatt stainless steel sheathed electric immersion heater with integral thermostat.
- **Operator Control Features**  
Time or manual platform agitation. Timed or manual ultrasonic dwell periods. Lift off lid.

### Specifications

<i>Solution Volume</i>	25 gallon nominal
<i>Working Dimensions</i>	15”l-r by 20”f-b by 12”d
<i>Work Platform Dimensions</i>	13”l-r by 16”f-b by 4”h
<i>Load Capacity</i>	50 pounds
<i>Ultrasonic Power</i>	1000 Watts @ 20 kHz
<i>Heater</i>	1.50 kW
<i>Air Inlet</i>	0.25”
<i>Water Inlet</i>	0.50”

<i>Transfer Load Height</i>	35.50”
<i>Drain/Filter Draw</i>	1.00”
<i>Overflow</i>	1.00”
<i>Liquid Level Coupling</i>	0.50”
<i>Power Requirements</i>	120V/1/60Hz
<i>Heater</i>	12.5A
<i>Sonics</i>	20A
<i>Air Requirements</i>	70-125 PSI @ 1-2 CFM
<i>Shipping Weight</i>	270 lbs (approx.)