

LCT Ultrasonic Cleaning and Rinsing Tanks Poly Line



Proven Industrial Ultrasonic Applications

- Leading edge ultrasonic technology
- DUAL frequency technology
- Maximum cleaning efficiency

Our **POLY** ultrasonic cleaning and rinsing tanks are rugged and reliable units for **industrial component cleaning**. What distinguishes them is their **wide range of uses and their continuous high performance**. The units are available in a large variety of versions and combinations. There are models with an **oil separator**, units with **two separate chambers for cleaning and rinsing**, as well as **rinsing tanks with an overflow pocket and flow regulation**.

All units, of course, feature the latest LCT DUAL frequency ultrasonic technology. This series is your guarantee of **excellent cleaning results and maximum flexibility**.

Special Features:

- Housing made from high-strength polymer or stainless steel
- Cavitation-resistant tanks, made of Duplex stainless steel (1.4462)
- Temperature control with actual and set point indication
- Liquid level control
- Timer for ultrasonic process-time
- Adjustable ultrasonic power
- Rinsing tank with or without flow-rinsing
- Traditional operating elements

Besides Ultrasonic Cleaning and Rinsing Tanks, the POLY line includes a high performance **hot air dryer**.

2 working chambers



With oil separator and oil skimming device



Cleaning line



Poly Tank Specifications:			Cleaning Tank		Rinsing Tank		Cleaning/Rinsing Double Tank		Cleaning Tank with Oil Separator		Hot air dryer
Model			R-P100	R-P140	S-P100	S-P140	RS-P45	RS-P70	R-P80-OHF	R-P120-OHF	T-P100
Tank inner dimensions	Length	mm	550	550	550	550	270	270	550	550	550
	Width	mm	420	420	420	420	420	420	340	340	420
	Height	mm	500	700	500	700	500	700	500	700	500
External dimensions	Length	mm	810	810	810	810	810	810	810	810	810
	Width	mm	550	550	550	550	550	550	700	700	550
	Height	mm	850	850	850	850	850	850	850	850	850
Basket dimensions	Length	mm	520	520	520	520	245	245	520	520	520
	Width	mm	385	385	385	385	390	390	315	315	385
	Height	mm	250	450	250	450	250	450	250	450	250
Basket dimensions		Liters	100	140	100	140	45	70	80	120	100
Continuous ultrasonic power		Watts	1000/2000	1000/2000	--/1000	--/1000	2x600	2x600	900	900	--
Heating power		Watts	3000	5000	4000	8000	2x1600	2x2000	3000	4000	6000
Ultrasonic frequencies	SINGLE frequencies: 27/30/40/60/80/100 kHz										--
	DUAL frequencies: 27&80/30&60/40&100 kHz										--
Electrical specs	400 V/50 Hz 3Ph/N/PE										

Available on Request:

- Closed-loop filtration
- Vertical basket oscillation
- Electrolytically polished tank
- DI water treatment
- Component baskets made to measure
- Cleaning media
- Traditional operating elements



Standard version:
Clearly arranged control panel



Option:
Traditional operating elements