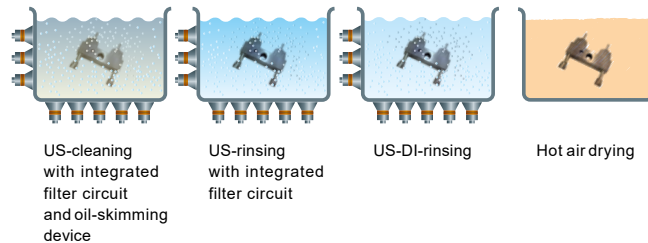


LCT Compact Multi-Chamber Cleaning-Units Cell-Cleaning Unit



Custom-made Cell-Cleaning Unit



Reliable industrial ultrasonic units with:

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

Ultrasonic cleaning at its best:

The manual **multi-chamber cleaning systems of the series KKS-H** are robust and reliable equipment for **industrial cleaning**. They offer both, the usage of emulsifying and demulsifying cleaning media. Thus, these systems are ideal for **intermediate cleaning processes**, where much oil must be removed. Of course, by using ultrasound, they achieve excellent cleaning results even in final cleaning processes.

The cleaning chamber is provided with an integrated **oil-skimming device**. The cleaning tank and the rinsing tank are both equipped with a **micro-filter** and a **continuous media circulation**. This ensures a **reproducible cleaning quality** and a **long operating life of the cleaning and rinsing liquids**.

PLC control panel for ease of operation



Process specific basket



Rear-side view of a four-chamber "Cell-Cleaning-Unit" with oil separator and DI-water circuit



Type		40 liters				70 liters			
Technical data		LCT-H3-40 1101-2	LCT-H3-40 1101-1	LCT-H2-40 1100-2	LCT-H2-40 1100-1	LCT-H3-70 1101-2	LCT-H3-70 1101-1	LCT-H2-70 1100-2	LCT-H2-70 1100-1
External dimensions in mm	L x B x T	1400 x 850 x 970				1000 x 850 x 970			
Tank inner dimensions in mm	L x B x T	400 x 300 x 400				550 x 300 x 400			
Basket dimensions in mm	L x B x T	350 x 250 x 250				450 x 250 x 250			
Proceedings	1.	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning	Ultrasonic cleaning
	2.	Ultrasonic rinsing	Rinsing	Ultrasonic rinsing	Rinsing	Ultrasonic rinsing	Rinsing	Ultrasonic rinsing	Rinsing
	3.	Hot air drying	Hot air drying	-	-	Hot air drying	Hot air drying	-	-
Tank volume approx.		40 liters				70 liters			
Ultrasonic frequencies		Standard: SINGLE 27kHz/30kHz/40kHz/60 kHz Option: DUAL 27&80kHz/30&60 kHz/40&100kHz				Standard: SINGLE 27kHz/30kHz/40kHz/60 kHz Option: DUAL 27&80kHz/30&60 kHz/40&100kHz			
Ultrasonic power		2x600 W	1x 600 W	2x600 W	1x 600 W	2 x 1000 W	1x 1000 W	2 x 1000 W	1x 1000 W
Filter circuit for tanks 1+ 2		100 µm				100 µm			
Heating power tanks 1+ 2		2 kW				3 kW			
Heat-up time Δ T 30°C		0.9 h				1 h			
Dryer heating power		5 kW				5 kW			
Max. loading capacity		10 kg				10 kg			

* Special versions upon request

Special Features:

- These units are able to operate without a fresh water or wastewater connection and therefore can be directly integrated into the production line
- Housing made entirely of stainless steel
- Cavitation-resistant tanks, made of stainless steel (1.4462)
- Cleaning and rinsing tank with integrated filter circuit
- The units are mobile

Upon request:

- Special dimensions
- DI-water rinsing
- Flow-Rinsing