

The Modular Ultrasonic Cleaning System for Low Throughput

UCMCombiLine



UCM

technology that inspires

The UCMCombiLine ultrasonic cleaning system for manual workstations is available in several sizes. The unit is equipped with an oscillation device for the cleaning basket. The movement of the basket enhances the cleaning action of the ultrasound and improves the drip characteristics of the stainless steel basket. The UCMCombiLine can be operated as a stand-alone unit or in combination with several modules of the same series. For example, it can be combined with one or more rinsing tanks (with/without heating), a spray cleaning system and a hot air dryer of the appropriate size.

Functions & Benefits:

Double Frequency

The two frequencies can be easily switched as needed.

Automatic Oscillation

Oscillation to prevent standing waves and to ensure uniform loading.

Booster Function

Times Peak Power can work on stubborn stains and semi-aqueous solvents, significantly improving ultrasonic performance.

Linear Power Adjustment

Ultrasonic power can be linearly adjusted between 10 and 100 per cent to meet different cleaning requirements.

Adaptation

The device automatically adapts to different working conditions (temperature, fluid level and with/without workpiece) and maintains the optimum working frequency and constant power.

High-resolution LCD Display for Industrial Fill Levels

The user-friendly LCD display allows you to monitor the working status and set parameters.

High Degree of Efficiency

The efficiency of converting ultrasonic and electrical energy is greater than 95%.

Options

Circulation system with filter, oil separator, bubble tank, rinse tank, high pressure spray tank and dryer, etc. can be upgraded as needed.

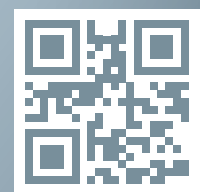
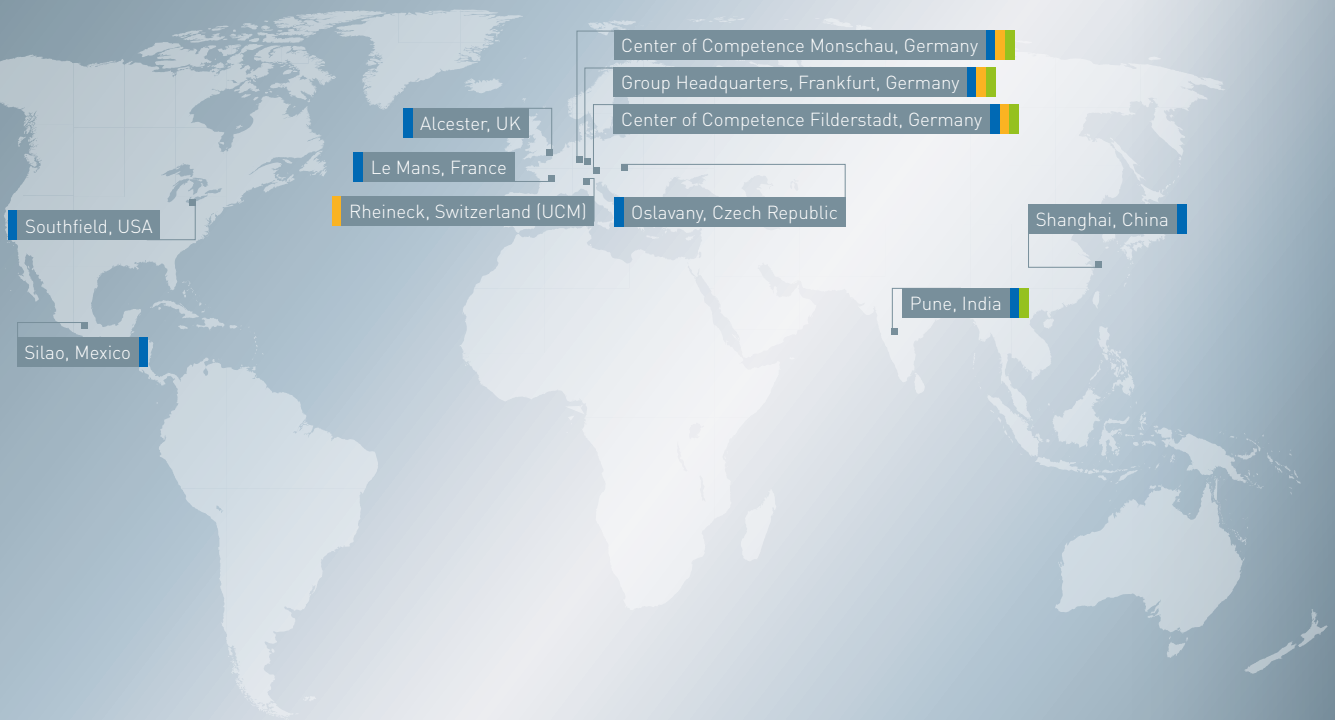


Technical Data

SYSTEM DATA	RM85	RM120	RM160
Outer slot size (LxWxH)	720 x 850 x 1,600 mm	750 x 900 x 1,600 mm	820 x 950 x 1,600 mm
Inner slot size (LxWxH)	600 x 400 x 350 mm	650 x 450 x 400 mm	700 x 500 x 450 mm
Basket size (LxWxH)	520 x 300 x 150 mm	570 x 350 x 200 mm	620 x 400 x 250 mm
Basket weight	20 kg	25 kg	30 kg
Total volume	85 l	120 l	160 l
Working volume	60 l	90 l	120 l
Frequency	Double-frequency optional: 28/68, 40/80, 40/130, 80/130 kHz		
Ultrasonic power	1,500 W	1,800 W	2,400 W
Heating power	5 kW	6 kW	8 kW
Voltage	400VAC/3-phase		
Power supply frequency	50/60Hz		
Working time setting	0-60 minutes/continuous work		
Max. heating temperature	80°C		
Slot material	1.4031		
Cover	√		
Handle	Foot (roller)		
Drain valve	1"	1"	1" 1/2
Weight	85 kg	100 kg	115 kg



Our Locations Worldwide



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