

## UCM 100SL LAB

### Integrated electrical panel

Removable integrated electrical panel facilitates maintenance and reduces the space required between the tank and the wall.

### INOX304 panels

AISI 304 satin-finished stainless steel panels

### 1/2" Drain

Located at the bottom of the tank, making emptying easier.

### Adjustable feet

Non-slip, height-adjustable feet allow for easy leveling of the machine.



### Manual lid

Manual lid made of AISI 304 stainless steel.

### 4" HMI Display

Intuitive digital display that facilitates machine control.

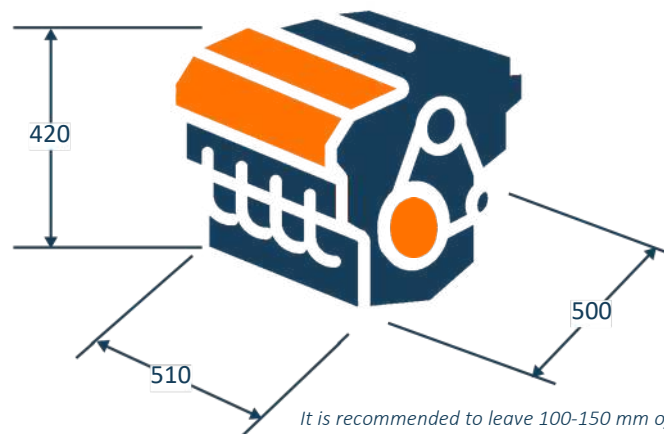
### IP67 Push Button

IP67 push button designed to allow easy cleaning of the machine's surface without the risk of short circuits.

### Main features

Ultrasonic power (W)	1000
Heating power (W)	2250
Tank capacity (liters)	107
Interior dimensions LxWxH (mm)	510 x 500 x 420
Maximum static load (kg)	100

### Maximum useful dimensions (loading mouth)



*It is recommended to leave 100-150 mm of free space between the part and the tank walls for adequate ultrasonic diffusion.*



DWS



Extended features

Ultrasound		Including	Optional
Frequency	28kHz	Yes	38kHz
Power	1000W	Yes	
Sweep	± 2%	Yes	
Degas Mode		Yes	
Adjustable Power	0 % - 100 %	Yes	
Remote Control	Vía RS485 Modbus	Yes	No
Control from PLC	From the Ultrasonic Settings screen	Yes	No
Ramp Up Adjustment	Soft start for special applications	Yes	No
Heating			
Power	2250W	Yes	
Control Type	Sonde PT100	Yes	
Elevator			
Tapping	Back-and-forth movement with adjustable height	No	No
Tramex	Removable, made of pickled AISI 304	No	No
Elevator type	Pneumatic	No	No
Machine air intake	1/4 male connector	No	No
Working pressure	- bar		
Maximum dynamic load	-kg a - bar		
Lid			
Opening Mode	Manual	Yes	
Automatic lid opening	Pneumatic actuator	No	No
Insulation	Double-layer 20mm thick thermal and acoustic insulation	No	No
Perimeter seal	NBR (replaceable)	No	
Watershed	AISI 304 stainless steel	No	
Oil separation system			
Auxiliary tank	L	No	No
Adjustable height	Manual	No	No
Other equipment			
PLC control + HMI	7" multilingual color HMI	No	No
AISI 304 steel tank	2 mm thick AISI 304 stainless steel sheet	Yes	
Level control	STAINLESS STEEL + PEEK IFM inductive sensor	No	No
Thermal and acoustic insulation	50 mm thick double layer	Yes	
Electrical panel	Removable integrated housing for easy access	Yes	
Overflow channel	3/4"	No	No
Lighting beacon	Integrated with programmable colors	No	No
Noise reduction system (NRS)	Acoustic bridge	No	No