DCM
Ultrasonic

UCM 50SL

Integrated electrical cabinet
Integrated removable electrical panel that facilitates maintenance and reduces the free space left between the tank and the wall.

Stainless steel INOX 304 satin panels
Stainless steel AISI 304 satin panels

Tank drain 1"
At the bottom of the tank it's used to empty the main tank. Valve 3/8"

Regulable feet
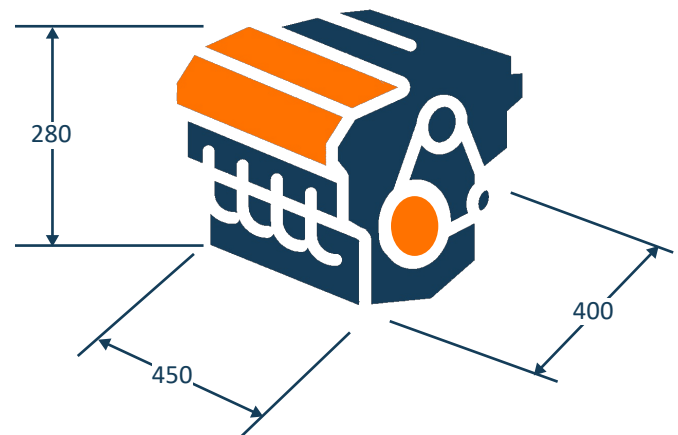Height-adjustable non-slip feet. They allow easy leveling of the machine.

Manual lid
Manual lid made of stainless steel AISI 304

Digital screen
Intuitive digital screen that makes easy the device control

IP67 buttons grade
IP67 pushbuttons ready to clean the machine surface easily and without risk of short circuits.

Main characteristics

Ultrasounds power (W)	500
Heating system power (W)	1500
Tank capacity (liters)	50
Inner measures LxWxH (mm)	450 x 400 x 280
Static maximum load (kg)	50

Maximum usefull measures

280

400

450

304 / 316
Stainless
Steel

DWS

Expanded features

Ultrasounds		Included	Optional
Frequency.	28kHz	Yes	38kHz
Power.	500W	Yes	
Swiping.	± 2%	Yes	
Degas mode.		Yes	
Adjustable power.	0% - 100%	Yes	
Remote control	RS485 Modbus RTU	Yes	
Controled from PLC	From the ultrasound setup screen	Yes	
Adjustable ramp up	Soft start for special applications	Yes	

Heating system			
Power	1500W	Yes	
Control type	PT100 probe	Yes	

Elevator			
Oscilation	Oscilation motion with adjustable heigh	No	No
Tramex	removable built in AISI 304 stripped	No	No
Elevator type	Pneumatic	No	No
Machine air inlet	Fast connector 1/4 male	No	No
Working nominal pressure	- bar		
Maximum dynamic load	-kg at - bar		

Lid			
Open mode	Manual	Yes	
Automatic open mode	Pneumatic actuator	No	No
Heat-isolated	thermal and acustic isolation 20mm thickness	Yes	
Perimetral gasket	NBR (removable)	Yes	
Pours water	stainless steel AISI 304	Yes	

Oil separation system			
Auxiliary tank	-	No	No
Adjustable height	Manual	No	No

Other features			
PLC + HMI control	HMI 7" color multi languaje	No	No
Stainless steel tank AISI 304	Stainless steel AISI 304 2 mm thickness	Yes	AISI 316
Level control	inductive sensor INOX + PEEK IFM	No	No
Thermal & acustic isolation	Double layer 20mm thickness	Yes	
Electrical cabinet	Integrated for easy access to maintenance	Yes	
Overflow	3/8"	Yes	
Lighting beacon	Integrated with programable colors	No	No
Noise Reduction System (NRS)	Acustic bridge	No	No