

UCM-500DL



Electrical characteristics

Power supply 400V 50Hz 3P+N+TT
Ultrasonic power 4000W
Heating system power 9000W
Others 700W
Total power 13700 W / 25.94 A



Control system

Touch panel 7" TFT LCD
Ultrasonic control*
Start / stop
Power and type of sweep
Washing time control
Temperature control using PT100 probe
Liquid level control in the main and auxiliary tank



Ultrasound characteristics

Ultrasonic generator 1000W (2000 peak to peak)
1000W submersible emitter composed of 10 PZT4 piezoelectric transducers of 100W each one
Submersible made of 2 mm thick AISI 316L stainless steel
Working frequency 24-40 kHz with +- 2% of frequency sweep system



Others characteristics

Tank made of 2 mm thick AISI 304 stainless steel
Exterior paneling in 1 mm satin AISI 304 stainless steel
Acoustic thermal insulation 20 mm thick
1 1/4" AISI 316 stainless steel drain valve
Heat-insulated manual lid
Height adjustable legs
Removable electrical cabinet
DCM automatic oil extractor



Technical characteristics

Model	capacity (L)	Interior measures (mm) LxWxH	Useful measures (mm) LxWxH	US power (W)	Heating power (W)	Maximum dynamic load (kg)	Weight (kg)
UCM-500DL	550	1300 x 650 x 655	1248 x 560 x 520	4000	9000	525	525

*DCM patented ultrasonic generation and control electronics