

USM-500 SL



Electrical characteristics

Power supply 400V 50Hz 3P+N+TT
 Ultrasonic power 4000W
 Heating system power 9000W
 Others 700W
 Total power 13700 W / 24.94 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)
USM-500SL	630	1250 x 720 x 700	1210 x 680 x 575	4000	9000	750	650

*DCM patented ultrasonic generation and control electronics