

USM-100 SL



Electrical characteristics

Power supply 400V 50Hz 3P+N+TT
 Ultrasonic power 1000W
 Heating system power 3750W
 Others 350W
 Total power 5100 W / 9.30 A



Control system

Touch panel 4.3" 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 static load (kg)	Weight (kg)
USM-100SL	110	600 x 395 x 465	570 x 355 x 420	1000	3750	150	200

*DCM patented ultrasonic generation and control electronics