

U Ultrasonic

For intensive cleaning, degassing emulsifying, deflocculation homogenization, and the acceleration of chemical processes in the research, production, and maintenance sectors.

Principle

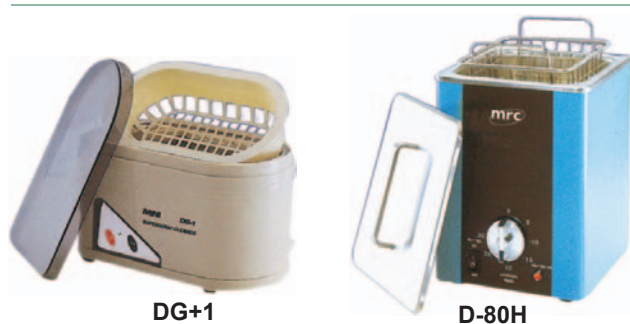
The clean function of ultrasonic wave is to use the waves over the frequency of human hearing conducting within the liquid. When ultrasonic waves, longitudinal waves, are conducting within the cleaner, which pushing function for the medium will enable the pressure within the liquid to change and produce mini vacuum bubbles referred as Cavitation.

When gas bubbles are pressed to break, they will produce so great excitation energy as to separate the dirt stuck to the dead corner of object as well as to enhance clean effect of cleaner. With high frequency, short wave length and strong penetrating power, so that it can completely clean the article having hidden seam or complex structure.

Applications

Laboratories	Cleaning, degassing, homogenizing, emulsifying
Medicine	Cleaning surgical instruments, in the manufacture of implants and stents.
Dental	Cleaning instruments for dental treatment, cleaning dental prostheses
Optics	Cleaning spectacles, optical lenses before coating...
Jewellery and watches	Cleaning chains, rings, straps...
Chemical sector	Cleaning reactors, Acceleration of chemical reactions...
Plastics industry	Cleaning injection moulds...
Aircraft industry	Cleaning engine parts...

D-Standard Serie



DG+1

D-80H

Model	DG1	D 80 / D 80 H
Internal Tank Size (LxWxH)	170 x 90 x 55 mm	150 x 135 x 100 mm
External Dimension (LxWxH)	193 x 113 x 110 mm	175 x 160 x 200 mm
Capacity Of Container	600 ml	2L
Operating Frequency	43 KHz	43 KHz
Internal Tank Stuff	SUS 304 # 0.7 t	SUS 304 # 1.0 t
External Stuff	ABS With Fireproof	FRP With Fireproof
Dust Cover Stuff	Semi Transperent Plastic	Stainless Steel SUS 304
Output Power	50 W	80 W
Timer	5 min	10 min / 30 min
Heater	Without	Without / 40 W
Net Weight	1 Kg	2 Kg
Power Source	AC 100 ~ 120 V / AC 220 V 50 / 60 Hz	

DC - Power Full Serie



DC-400H

DC-200H

DC-150H

Model	DC80/DC80H	D150/D150H	DC150/DC150H	DC200/DC200H	DC400/DC400H
Internal Tank Size (LxWxH)	150x135x100mm	295x150x100mm	300x160x150mm	300x240x150mm	500x300x200mm
External Dimension (LxWxH)	175x160x270mm	320x175x200mm	330x205x330mm	330x285x330mm	530x345x380mm
Capacity Of Container	2 L	4.5 L	7.2 L	10.8 L	30 L
Operating Frequency	40 KHz	43 KHz	40 KHz	40 KHz	40 KHz
Internal Tank Stuff	SUS 304 # 1.0 t	Stainless Steel SUS 304 # 1.5 t			
External Stuff	Steel Plate Toast Paint				
Dust Cover Stuff	Stainless Steel SUS 304				
Output Power	80 W	150 W	150 W	200 W	400 W 600 W
Timer	30 min	99 min	99 min	99 min	99 min
Heater	Without/40 W	Without/115 W	Without/200 W	Without/200 W	Without/500 W
Net Weight	3.5 Kg	3.3 Kg	8 Kg	9.5 Kg 10.5 Kg	18.5 Kg 19.5 Kg
Power Source	AC 100 ~ 120 V / AC 220 ~ 240 V 50/60 Hz				