DG-600, Personal Ultrasonic Cleaner (without heating)

DG-600

Model	DG-600
Operating frequency	43 KHz
Tank Capacity	600 ml
Internal tank size (mm)	L170xW90xH55
External dimen. (mm)	L193xW113xH110
Internal tank stuff	SUS304 # 0.7t
External stuff	ABS with fireproof
Dust cover stuff	Semi transparent plastic
Timer	5 min
Ultrasonic power	50W
Heateing Power	Without
Net weight	1 kg
Power source	AC100~120V/AC220V 50/60Hz

DG-1300, Personal Ultrasonic Cleaner (with heating)

DG-1300

Features:
- High-power ultrasonic transducer for superior cleaning effect.
- Large capacity tank for professional cleaning.
- Add heating for special cleaning demands.
- 3-59 minutes adjustable with digital display.
- 5 Cycles adjustable with digital display.
- Memory function for the power failure.
- Transparent lid with blue light for view the cleaning process.
- With radiator for longer working time.
- Secure circuitry design with moisture-proof PCBA.

Model	DG-1300
Operating frequency	42 KHz
Tank Capacity	1,300 ml
Internal tank size (mm)	L175xW145xH70
External dimen. (mm)	L228xW183xH158
Internal tank stuff	Stainless steel SUS304
External stuff	ABS with fireproof
Dust cover stuff	Semi transparent plastic
Time Control	5 Cycles with Digital time display
Ultrasonic power	60W
Heateing Power	60°C
Net weight	1.75 kg
Power source	AC 110-120V 60Hz AC 220-240V 50/60 Hz

Electron workshop, Glasses shop, Jewelry shop, Mobile phone, maintain shop, Hospital Dentistry, Office and household articles etc.

CLEAN-01, 4.5liter Ultrasonic Cleaner (Dental)

CLEAN-01

- Cycle time set: 2-30 minutes.
- Temp set: 20-80°C.
- Safety feature: Heating stops when tank is empty.
- Water outlet is installed to drain liquid from the tank easily.
- Low noise fits clinical environment.
- Cleaning basket holds delicate instruments in place.
- Keypads & digital display are user friendly.
- Rinse time can be set from 2 to 30 min, rinse temperature can also be set. Power is automatically cut off when is lack of water.
- External drainage system makes easy change of rinse liquid; Low noise design makes quiet operation.
- Specialized basket is designed for delicate minute devices that should be free from friction and braise, for example, high-speed and low-speed hand piece turbines
- Clear operation plate with digital display makes it easy to operate.

For intensive cleaning, degassing emulsifying, deflocculation homogenization, & 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 dirties stacked 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.

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

CAV-METER, Cavitation Intensity Meter

Our Ultrasonic Cleaning Cavitation Intensity Meter instantly measures ultrasonic energy (cavitation) directly in ultrasonic cleaning tanks. It is used to measure ultrasonic energy simply by dipping the cavitation meter probe into an ultrasonic tank. It is very rugged and built to last a lifetime. The solid stainless steel probe can be used in any harsh chemical and extreme environments.

DC-400H
DC-200H
DC-150H
DC-80H

DC-Power Full Series

Digital Ultrasonic Cleaner-set, with Wire Basket & Lid, Highly Effective & Efficient Cleaning, Stainless Steel, up to 70°C ,0-99min., Frequency

- Useful for Cleaning to Remove Dirt, Grease, Waxes and Oil from all Lab instruments by Ultrasonic Frequency.
- Microprocessor Control: Timer, Temperature and Output Control.
- HF-Frequency: up to 40kHz.
- Temperature Range from Ambient to 70°C.
- Convenient Preset Function: Heating and Timer.
- Bottom - Mounted Drain (Except DC-80H).
- Maximum 99 minutes Set Cleaning Time.

Model	DC-80H	DC-150H	DC-200H	DC-400H
Operating frequency	40 KHz			
Tank Capacity (liters)	2	7.2	10.8	30
Internal tank size (mm)	L150xW135xH100	L300xW160xH150	L300xW240xH150	L500xW300xH200
External dimension (mm)	L175xW160xH270	L330xW205xH330	L330xW285xH330	L530xW345xH380
Internal tank stuff	SUS 304 #1.0t			
External stuff	Steel plate toast paint			
LID cover stuff	Stainless steel SUS 304			
Timer	30 min	99 min		
Ultrasonic power	80W	150W	200W	400W, 600W
Heating Power	40W	200W	200W	500W
Net weight	3.5kg	8kg	9.5kg, 10.5kg	18.5kg, 19.5kg
Drainage	-	Have		
Power source	AC100~120V/AC220~240V 50/60Hz			

Ultrasonic Cleaner is on based of Cavitation effect caused by high frequency ultrasonic wave vibration signal in fluid.

Microscopic bubbles are formed and they implode violently that cause Cavitation, which gives out great impact to the cleaning subject and provides an intense scrubbing action on the surface of cleaning subject. Additionally, the bubbles are small enough to penetrate even microscopic crevices, cleaning them thoroughly and consistently.

Cleaning Applications:

Air brushes, spray guns ● Archival papers ● Automotive & aviation components ● Calligraphic pens ● Computer plotter pens ● Dental and surgical instruments ● Dentist burrs ● Dentures ● Films ● Fuel injectors ● Geological & metallurgical specimens ● Homogenisations ● Hypodermic needies ● Ink jet cartridges ● Jewellery ● Laboratory glassware and apparatus ● Laparoscopes ● Lenses, other optical components ● Metal/fibre filters ● Metal/rubber seals ● Microelectronic circuits & small components ● Moulding die ● Nozzles & Sieves ● Printed circuit boards ● Production line cleaning ● Scientific & industrial instruments ● Spectacle frames ● Transparencies ● Watches & clockwork. ● Electron workshop, Glasses shop, Jewelry shop, Mobile phone, maintain shop, Hospital Dentistry, Office and household articles etc.

AC-400H
AC-150H
AC-200H
AC-120H

AC-Analog series

Ultrasonic cleaner-set with analog timer & temperature controller, with wire basket&lid, highly effective & efficient cleaning, stainless steel, up to 80°C, 0~20min, 40kHz frequency Made of stainless steel, finished surface.

Analog controller, timer, temperature and output control

Features:

● Useful for Cleaning to Remove Dirt, Grease, Waxes and Oil from all Lab Instruments by Ultrasonic Frequency.
● Made of Stainless Steel, Finished Surface.
● Analog Controller, Timer, Temperature and Output Control.
● Temperature Range from Ambient to 80°C.
● Convenient Preset Function: Heating and Timer.
● HF-Frequency: 40kHz.

● Bottom-Mounted Drain (except AC-120H) ● Maximum 20 minutes Set Cleaning Time ● 220V, 50/60Hz.

Model	AC-120H	AC-150H	AC-200H	AC-400H
Operating Frequency	40Khz	40Khz	40Khz	40Khz
Tank capacity (liters)	3	6	9	27
Internal tank size(mm)	L240xW140xH100	L300xW155xH150	L300xW240xH150	L500xW300xH200
External Dimension(mm)	L270xW170xH240	L330xW180xH310	L330xW270xH310	L550xW330xH360
Internal tank stuff	SUS 304 #1.0t			
External stuff	Steel plate toast paint			
LID cover stuff	Stainless steel SUS 304			
Timer	1-20 min			
Ultrasonic power	120W	180W	240W	600W
Heating Power	100W	300W	500W	500W
Net Weight	2.8Kg	4.8Kg	7.3Kg	13.9Kg
Drainage	None	Have	Have	Have
Power source	AC100~120V/AC220~230V 50/60Hz			