

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 DIM. (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
Heating Power	Without
Net weight	1 kg
Power source	AC100~120V/AC220V 50/60Hz

DG-1300, Personal Ultrasonic Cleaner (with heating)



DG-1300

Model	DG-1300
Operating frequency	42 KHz
Tank Capacity	1,300 ml
Internal tank size (mm)	L175xW145xH70
External DIM. (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
Heating Power	60°C
Net weight	1.75 kg
Power source	AC 110-120V 60Hz AC 220-240V 50/60 Hz

Features:

- High-power ultrasonic transducer for superior cleaning effect.
- Large capacity tank for professional cleaning.
- Heating for special cleaning demands.
- 3-59 minutes timer with digital display.
- 5 Cycles timer 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.

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

CLEAN-01/02, 5/10Liter Ultrasonic Cleaners (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.

Model	CLEAN01	CLEAN02
Operating frequency	40 KHz	
Tank Capacity	5L	10L
Internal/ External tank size (mm)	229.5x126.5x149 / 315x215x270	295x235x149 / 385x325x285
Ultrasonic / Heating power	120W / 100W	240W / 300W

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 burs • Dentures • Films • Fuel injectors • Geological & metallurgical specimens • Homogenizations • Hypodermic needles • Ink jet cartridges • Jewelry • Laboratory glassware and apparatus • Laparoscope • 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 & household articles etc.



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 and Removing 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 • Frequency: 40kHz • Bottom-Mounted Drain (except AC-120H) • Maximum 20 minutes Set Cleaning Time • 220V, 50/60Hz • Include basket & lid.

Model	AC-120H	AC-150H	AC-200H	AC-250H	AC-300H	AC-400H
Operating Frequency	40Khz	40Khz	40Khz	40Khz	40Khz	40Khz
Tank capacity (Liters)	3	6	9	13	20	27
Internal tank size(mm)	L240xW140xH100	L300xW155xH150	L300xW240xH150	L330xW300xH150	L500xW300xH150	L500xW300xH200
External DIM.(mm)	L270xW170xH240	L330xW180xH310	L330xW270xH310	L360xW330xH310	L550xW330xH310	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	100W	150W	200W	300W	400W	500W
Heating Power	100W	300W	300W	400W	500W	500W
Net Weight	3.2Kg	6.2Kg	8.2Kg	10.2Kg	13.2Kg	14.9Kg
Drainage	None	Have				
Power source	AC100~120V/AC220~230V 50/60Hz					

For intensive cleaning, degassing emulsifying, 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,
Medicine	Cleaning surgical instrument, manufacture of implants and stents
Dental	Cleaning instruments for dental treatment, cleaning dental prostheses
Optics	Cleaning spectacles, optical lenses before coating etc.
Jewelry & watches	Cleaning chains, rings, straps etc.
Chemical sector	Cleaning reactors, acceleration of chemical reactions etc.
Plastics industry	Cleaning injection moulds etc.
Aircraft industry	Cleaning engine parts etc.



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 40KHz

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

Model	DC-80H	DC-120H	DC-150H	DC-200H	DC-250H	DC-300H	DC-400H
Operating frequency	40 KHz						
Tank Capacity (Liters)	2	3	6	9	13	20	27
Internal tank size (LxWxH) (mm)	150x140x100	240x140x100	300x155x150	300x240x150	330x300x150	500x300x150	500x300x200
External dimension (LxWxH) (mm)	190x170x220	270x170x240	330x180x310	330x270x310	360x330x310	550x330x310	550x330x360
Internal tank stuff	SUS 304 #1.0t						
External stuff	Steel plate toast paint						
LID cover stuff	Stainless steel SUS 304						
Timer	1-99min						
Ultrasonic power	50W	100W	150W	200W	300W	400W	500W
Heating Power	100W	100W	300W	300W	400W	500W	500W
Net weight	1.9kg	2.9kg	5.8kg	8.8kg	10.2kg	13.2kg	14.9kg
Drainage	-	-	Have				
Power source	AC100~120V/AC220~240V 50/60Hz						

SONICA-36/90/57/112/145/235L, Industrial Ultrasonic Water Bath Cleaners



SONICA-36L



SONICA-90L


Features:

- Whole machine made of SUS304 stainless steel for acid-proof, anti-corrosive, 2mm thickness.
- Industrial grade ultrasonic transducer, moisture-proofed PCB
- Temperature can be set from 30-110°C
- Industrial grade for 24 hours continuous working
- Advanced generator, sweep frequency, high quality, better effect
- Ultrasonic frequency: 28Khz (optional: 40, 68, 80 or 120Khz)
- Material: Stainless steel with diamond-shaped figures. (Tank, Housing, Basket, Lid)
- High-performance transducer, steady & durable performance
- Secure and stable PCBA
- Ultrasonic power can be adjusted from 0-100%.

Applications:

Industry Ultrasonic Cleaner can be used in industry & mining enterprise, universities, colleges and scientific research unit laboratory; Hospital; Electronic workshop assembly line; Clock and watch eyeglasses shop, jewelry; Jeweler's shop, Electronic products, mechanical hardware fitting, eyeglasses, jewelry, clock and watch, money, fruit and so on.

The Industry Ultrasonic can also be used in household, to clean personal articles such as gold and silver jewelry, necklaces, earrings, glasses and nozzles.



CAV-METER-2, 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.

Model	SONICA-36L	SONICA-90L	SONICA-57L	SONICA-112L	SONICA-145L	SONICA-235L
Operating frequency	28KHz (optional: 40/68/80/120KHz)					
Tank Capacity (Liters)	36	90	57	112	145	235
Internal tank size (LxWxH) (mm)	510x300x250	590x400x400	470x340x360	600x470x400	650x500x450	650x600x600
External dimension (LxWxH) (mm)	700x400x500	790x580x650	635x470x580	790x650x650	850x660x730	850x800x880
Internal tank stuff	SUS 304 #1.0t					
External stuff	Steel plate paint coated					
LID cover stuff	Stainless steel SUS 304					
Ultrasonic power	720W	1440W	1080W	1800W	2160W	2520W
Heating Power	500W	1200W	3000W	4000W	6000W	6000W
Net weight	23kg	89kg	45kg	81kg	117kg	190kg
Drainage	Have					
Power source	AC100~120V/AC220~240V 50/60Hz					