

Ultrasonic Cleaners



ULTRASONIC-CLEANERS Analog

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

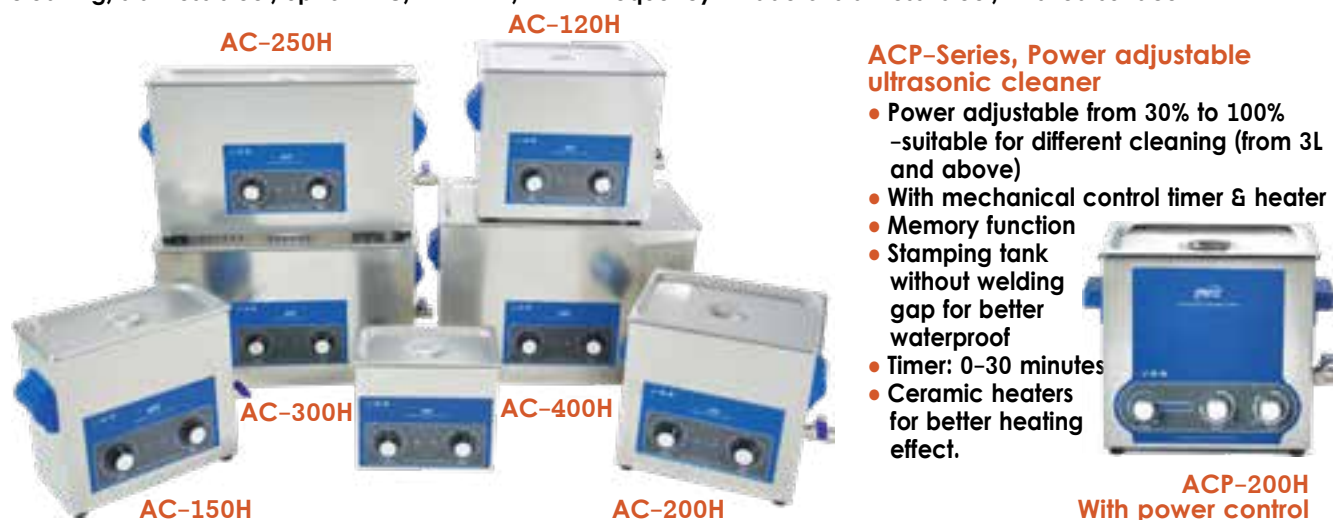
Features:

- Useful for Cleaning and Removing Dirt, Grease, Waxes and Oil from all Lab Instruments by Ultrasonic Frequency
- Made of Stainless Steel, Finished Surface
- Convenient Preset Function: Heating and Timer
- Bottom-Mounted Drain (except AC-120H)
- Include basket & lid.

Laboratories	Cleaning, degassing, homogenizing, emulsifying,
Hospital, Clinics	Cleaning surgical instrument, manufacture of implants and stents
Dental, Tatoo	Cleaning instruments for dental treatment, cleaning dental prostheses
Optics	Cleaning spectacles, optical lenses before coating etc.
Jewelry & watches	Cleaning chains, rings, straps, watches parts etc.
Chemical sector	Cleaning reactors, acceleration of chemical reactions etc.
Plastics industry	Cleaning injection moulds etc.
Car & Aircraft industry	Cleaning engine parts carburetors etc.
Mobile phones & Electronics	Cleaning PCB boards
Printing shops	Cleaning ink cassetes

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	AC-120H	AC-150H	AC-200H	AC-250H	AC-300H	AC-400H
Analog+Power controll	ACP-120H	ACP-150H	ACP-200H	ACP-250H	ACP-300H	ACP-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 (ACP-Series: 1-30 min)					
Ultrasonic power (AC Series)	100W	150W	200W	300W	400W	500W
Power adjustable (ACP Series)	30 - 100W	45 - 150W	60 - 200W	90 - 300W	120 - 400W	150 - 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					



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 & DC-120H).
- Maximum 99 minutes Set Cleaning Time.
- Include Basket & Lid.



DCG-200H
With degas function

DCG-H Series, Digital Ultrasonic Cleaners with Degas Function

Features:

- Turbo power: Normal and soft function to resolve the cleaning blind spot
- Auto-degas function for laboratory purposes
- Memory function
- Automatically ultrasonic frequency tracking
- LED display for temperature and timer
- Timer: 1-99 minutes
- Temperature: 0-80°C
- SUS304 tank. Stamping tank without welding gap for better waterproof
- User-friendly and clear panel.
- High-performance transducer systems
- Drainage and cool fan are available for 6L and above volume models, convenient to use.
- Ultrasonic Frequency: 40KHz.



DCG-80H
With degas function

Applications:

- Hospital and Dental Clinics
- Optical Stores and Makers
- Biology and Chemical Labs
- Jewelry Store & Maker
- Watch Service Shops
- Mobilephone and Electronics Service Shops
- Shooting Clubs
- Printing Shops
- Automotive shop
- Hardware
- Tattoo
- Aerospace & marine parts.

Model - Digital	DC-80H	DC-120H	DC-150H	DC-200H	DC-250H	DC-300H	DC-400H
Model - Degassing	DCG-80H	DCG-120H	DCG-150H	DCG-200H	DCG-250H	DCG-300H	DCG-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 dimensions (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	None	None	Have				
Power source	AC100~120V/AC220~240V 50/60Hz						

DCS-Series, Multi Function Ultrasonic Cleaners

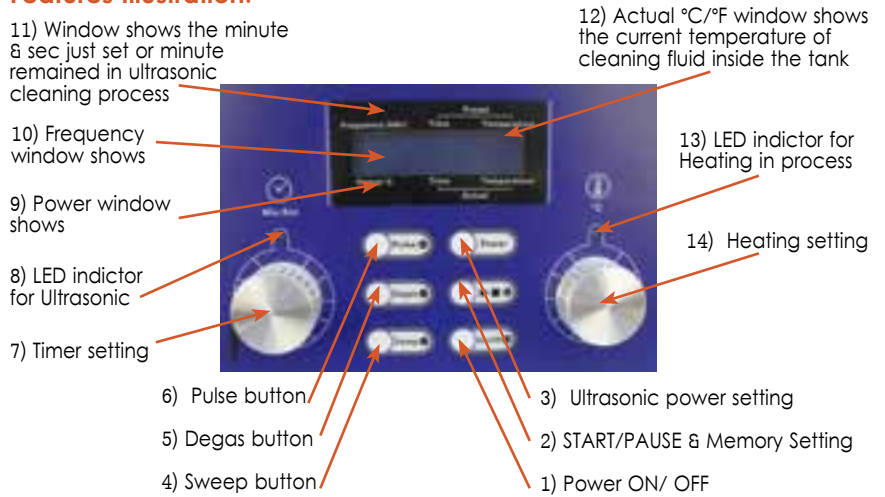
Functions:

- **Degassing** is the removal of dissolved oxygen trapped in a liquid. In ultrasonic cleaning systems, trapped, dissolved oxygen in the ultrasonic cleaning solution will hinder the ability of the system to clean. This dissolved oxygen must be removed from the bath by quick degassing before cleaning.
- The **Sweep function** guarantees an optimum sound field distribution in the cleaning bath due to a modulation of the frequencies.
- **Pulse** – activatable power increase of approx. 20% by inforcement of the peak performance
- Ultrasonic **power set** 40%- 70%- 100%.

Features Illustration:



DCS-400H



- All the buttons are touch-sensitive
- LCD window shows
- Electronic time & temperature control
- Autostart temperature-controlled / temperature pre-selection
- Separate excitation type
- High-performance transducer systems
- Dry run proof ceramic heating
- 0-60 Min timer, 0-80°C heating
- Quick degassing before cleaning
- Improved cleaning uniformity with sweep
- Boost high-strength cleaning power 120% with Pulse
- Ultrasonic power set 40%- 70%- 100%
- Safety switch-off.



Model	DCS-120H	DCS-150H	DCS-200H	DCS-250H	DCS-300H	DCS-400H
Operating Frequency	37Khz					
Tank capacity (Liters)	3	6	10	15	20	27
Internal tank size(mm)	L238xW138xH100	L302xW152xH150	L302xW239xH150	L325xW295xH150	L498xW296xH150	L498xW296xH200
External DIM.(mm)	L270xW170xH240	L330xW180xH310	L330xW270xH310	L360xW330xH310	L550xW330xH310	L550xW330xH360
Internal tank stuff	SUS 201 #1.0t					
External stuff	SUS 201					
LID cover stuff	Stainless steel SUS 201					
Timer	0-60 min					
Ultrasonic power	160W	240W	320W	360W	480W	640W
Heating Power	100W	300W	500W	500W	600W	800W
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					

DCF-H Series, Noiseless Ultrasonic Cleaners

Applications:

Special use for industry of laboratory, medical, biochemistry ,microbiology, physics, agronomy, foodstuff, pharmacy.etc. For cleaning, cell separation, cell lysing, mixing, extraction, emulsifying, sonochemistry, sample preparation, nano-fabrication & degassing of liquids.

DCF-H Series



Functions:

- Super low noise machine. Noise level less than 60dB
- Power adjustable: 40%,70% and 100%, ensure that more fragile, delicate glassware is not damaged
- 3 kinds of different frequencies (45kHz,65kHz,45&65kHz) to meet different cleaning requirements
- Extended degassing capabilities(up to 60mins) allow for "beyond cleaning" applications for sample preparation
- Intelligent LCD operation panel two language for free choose: English and Chinese
- Temperature (°C/°F) for option
- Side-mounted drainage valve (except for 3L)
- Easy one-button operation
- Memory function
- Completely programmable, you can freely set parameters as required
- Patent products.



Model	DCF-150H	DCF-200H	DCF-400H
Operating Frequency	37Khz		
Volume (Liters)	6	10	30
Tank size (LxWxH) (mm)	L300xW155xH150	L300xW240xH150	L498xW296xH200
Unit size (LxWxH) (mm)	L400xW180xH315	L400xW270xH315	L605xW330xH385
Ultrasonic power (W)	150	200	500
Heating power (W)	300	300	500
Frequency (kHz)	Three frequency for option: 45kHz, 65kHz, 45&65kHz		
Temperature (°C/°F)	0-65°C/32-149°F		
Timer	1-60mins / untimed		

SONICA 36L/40L/65L/96L/117L/157L/206L, Industrial Ultrasonic Water Bath Cleaners

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 & nozzles.



SONICA-96L

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%.

Model	Dimensions (LxWxH)mm	Volume (L)	Ultrasonic Power (W)	Ultrasonic Frequency (KHz)	Heating Power (W)	Heating Temp. (°C)
SONICA 36L	510x300x250	36	720	28/40	500	30-110
SONICA 40L	400x300x330	40	720	28/40	2000	30-110
SONICA 65L	500x350x360	65	1080	28/40	3000	30-110
SONICA 96L	600x400x400	96	1440	28/40	4000	30-110
SONICA 117L	650x450x400	117	1800	28/40	4000	30-110
SONICA 157L	700x500x450	157	2160	28/40	5000	30-110
SONICA 206L	750x550x500	206	2520	28/40	6000	30-110



CLEAN-02

CLEAN-02, 10Liter Ultrasonic Cleaner (Dental)

- 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 up to 99 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 & low-speed hand piece turbines

- Clear operation plate with digital display makes it easy to operate.

Model	CLEAN02
Operating frequency	40 KHZ
Tank Capacity	10L
Internal / External tank size (mm)	295x235x149 / 385x325x285
Ultrasonic / Heating power	240W / 300W



DG-600N1

DG-600N1, Jewelry Ultrasonic Cleaner

Features:

- New design for easy use.
- 5min auto shut-off.
- Reliable quality for durable use
- After cleaning, the object will be shining as new
- Stainless steel tank, ABS housing
- Certificates: CE/FCC/GS/ROHS/PSE.

Applications:

- Jewelry & Watches: Necklaces, Earrings, Rings, Bracelets, Coins, Watch Straps and Bands etc
- Eye Care: Glasses, Sunglasses, Contact Lens Accessories
- Daily Personal Care: Dentures, Combs, Toothbrushes, Table Wares.

Model	DG-600N1
Frequency	40KHz
Tank Material	Stainless steel SUS304
Tank Capacity	600ml
Timer	5-minute Auto Shut-off
Ultrasonic Power	35W
Power Supply	AC100~120V, 60Hz / AC220~240V, 50HZ
Tank Size	154×94×46mm (L×W×H)
Overall Size	209×149×121mm (L×W×H)
Net/Gross Weight	0.685/1.05 kg

DG-6601, Industry ultrasonic and ozone vegetable & fruit sterilizer

Features:

- More than 10 patents, established the school enterprise with ultrasonic research institute & china agricultural university
- Ultrasonic detoxification + deep cleaning + food fresh = security + natural + health
- Use ultrasonic O3, UV to sterilization kill more than hundred of bacteria



DG-6601

- More convenient & efficient to cleaning, deodorization, keep fresh, unfreeze of the food.
- Environmental protection, saving water, reduce labor costs.
- Whole stainless steel, multiple safety protection, one touch control for easy operating
- Professional sterilization: remove 95% pesticide residues from fruit and vegetables: kill micro-organisms and parasite of the seafood and meat

Model	DG-6601
Over size	1000X860X960mm
Internal tank size (LxWxH)	910X680X360mm
Frequency	33.6KHZ
Power/Voltage	480W/220V
Motor power/Voltage	1300W/220V
Power consumption	1.8KWH
Vegetable cleaning quantity	>100kgs/Hr
Fruit clean quantity	>220kgs/Hr

DG-12.8L, Ultrasonic & Ozone vegetable & fruit sterilizer

Features:

- No Scrubbing! The Ultrasonic food washer uses principle of ultrasonic and reactive oxygen to remove 98.9% of agricultural chemicals from fruits and vegetables easily and effectively
- The ozone eliminates odors, chlorine, and other chemicals, viruses and germs. Use it on fruits, vegetables, kitchenware, baby toys, and more
- Operates using a silent vibration with no splashing over the rim. The unit sits on the counter top or fits directly in any kitchen sink
- Repeated use of the Samson Multi-Purpose Ultrasonic Washer will revive the original color of your dishes and kitchenware.

Applications:

- Vegetables and fruits-To remove 98.9% pesticides.
- Rice-Remove pesticides and disinfection.
- Meat-Remove clenbuterol.
- Fish-Sterilization and cleaning.
- Kitchen utensil cleaning: chopping board, knife, fork
- Other cleaning: jewelry, metal, watch chain, glasses, shaver, denture, baby articles.



DG-12.8L

Model	DG-12.8L
Volume	12.8Liter
Frequency	28Khz
Power	50W
Power Supply	AC220-240V,50Hz AC100-120V,60Hz
OSO capacity	≥ 200mg/h
Ozone consume power	≤10W
Ultrasonic consume power	≤50W
Tank size(lxwxh)	330×300×145mm
Overall size(lxwxh)	415x 375 x 230mm
Unit Weight	5.5Kg
Colors	The colour as the pictures
Setting	Digital display
Drainage	Have
Cleaning basket	Have
Inner packing	415x 375 x 230mm
Carton size	500 x 310 x 410mm
Carton weight	7.5kg



Cleaning basket



Tank Drainage outlet

ULTRASONIC-CLEANERS

CAV-METER-2, Cavitation 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 & extreme environments.

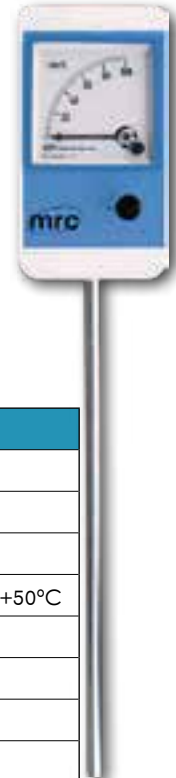


CAV-METER-2

With our cavitation meter, one can:

- Detect loss of ultrasonic energy with periodic readings
- Calculate best work loads
- Determine most efficient baskets & work fixtures
- Compare energy from tank to tank
- Compare energy level over life of tank
- Compare energy in tank loaded & unloaded
- Day to day comparative readings.

Model	CAV-METER-2
Range	0-100, 0-1000, 0-5000 Cavins
Self powered	No batteries
Weight	1Kg
Temperature range	Probe -100°C to +400°C, Meter 0 to +50°C
Standard probe	16" stainless steel indestructible
Optional probes	22", 28", or remote
Case	ABS
Meter	3.75" analog with glass window



MRC.2.21