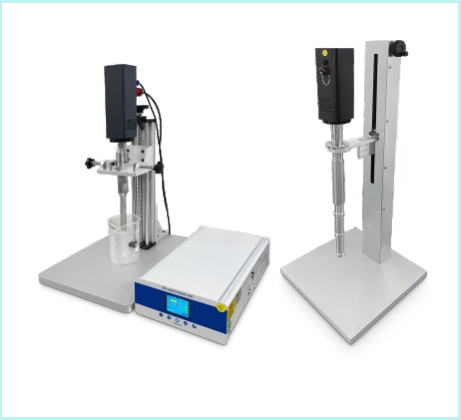
Ultrasonic Series



















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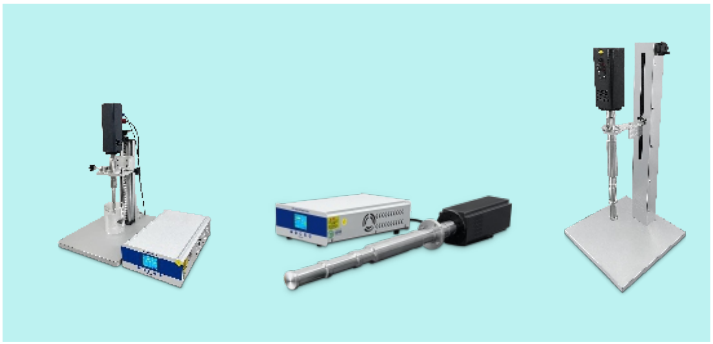
Ultrasonic cell disruptor
EQ series



CORE ADVANTAGES

- Automatic frequency tracking: real-time frequency tracking, higher extraction efficiency;
- Adjustable power: The power can be adjusted within the range of 20% to 100% for efficient conversion;
- Multiple communication methods: RS485, PLC remote control,error output;
- Safety protection: over temperature, over power, over time, overload protection;
- Titanium alloy tool head: efficient and durable,customizable length;
- Widely used: extraction, homogenization, mixing, and dispersion in industries such as laboratories, pharmaceuticals, plants, and food.

Ultrasonic water treatment system
CQ series



CORE ADVANTAGES

- Automatic frequency tracking: real-time frequency tracking, higher extraction efficiency;
- Adjustable power: The power can be adjusted within the range of 20% to 100% for efficient conversion;
- Multiple communication methods: RS485, PLC remote control,error output;
- Security protection: overcurrent and overvoltage;
- Titanium alloy tool head: efficient and durable,customizable length;
- Widely used: industrial oil extraction, industrial powder crushing, sewage treatment.

Technical Parameter

Model	Working frequency (Khz)	Ultrasonic power (W)	Tool head	Working diameter (mm)	length (mm)	Processing capacity (mL)	Duty cycle	Protective function	Dimensions (mm)
EQ100	28±1KHz	≤300	T28-D2E2-I / T28-D3E2-I T28-D6E2-M / T28-D8E2-I T28-D10E2-I	ϕ2 ϕ3 ϕ6 ϕ8 ϕ10	≤105 / ≤105 ≤105 / ≤105 ≤180	2~50 / 5~100 / 10~250 20~500 / 50~1000	20%~100%	Over temperature Over power Overtime/Overload	545X340X150
EQ300	28±1KHz	≤900	T28-D10E1-I / T28-D12E1-I T28-D15E2-I /T28-D20E2-I	ϕ10 ϕ12 ϕ15 ϕ20	≤105 / ≤105 ≤180 / ≤180	20~500 / 30~600 100~1500 / 100~2000	20%~100%		555X350X495
EQ300SPB	28±1KHz	≤900	T28-D10E1-I / T28-D12E1-I T28-D15E2-I / T28-D20E2-I	ϕ10 ϕ12 ϕ15 ϕ20	≤105 / ≤105 ≤180 / ≤180	20~500 / 30~600 100~1500 / 100~2000	20%~100%		390X390X550X350
EQ400	20±0.5KHz	≤1200	T20-D10E1-CE / T20-D15E1-CE T20-D20E2-E / T20-D25E2-I	ϕ10 ϕ15 ϕ20 ϕ25	≤145 / ≤145 ≤260 / ≤260	30~800 / 50~1200 100~3000 / 100~4000	20%~100%		555X350X495
EQ400SPB	20±0.5KHz	≤1200	T20-D10E1-CE / T20-D15E1-CE T20-D20E2-E / T20-D25E2-I	ϕ10 ϕ15 ϕ20 ϕ25	≤145 / ≤145 ≤260 / ≤260	30~800 / 50~1200 100~3000/100~4000	20%~100%		390X390X550X350
EQ700	20±0.5KHz	≤2000	T20-D20E1 (无 / NO) T20-D25E1-I / T20-D30E2-I T20-D40E2-M	ϕ20 ϕ25 ϕ30 ϕ40	≤145 / ≤145 ≤260 / ≤260	100~2000/100~2500 100~5000/100~10000	20%~100%		555X350X495
EQ700SPB	20±0.5KHz	≤2000	T20-D20E1 (无 / NO) T20-D25E1-I / T20-D30E2-I T20-D40E2-M	ϕ20 ϕ25 ϕ30 ϕ40	≤145 / ≤145 ≤260 / ≤260	100~3000/100~4000 100~5000/100~10000	20%~100%		390X390X550X350

Model	Working frequency (Khz)	Ultrasonic power (W)	Tool head	Diameter (mm)	Length (mm)	Processing capacity (mL)	Duty cycle	Protective function	Generator size	Transducer size (mm)
CQ28-P1200	28±0.5KHz	≤1200	T28-D20H60-ZN	ϕ20	≤105	≤20L/次Order	20%~100%	Overcurrent and Overvoltage	510X320X170	200X200X655
CQ20-P2600	20±0.5KHz	≤2600	T20-D50H490-XDR	ϕ44	≤491	≤60L/次Order	20%~100%		510X320X170	270X270X1180
CQ20-P2600	20±0.5KHz	≤2600	T20-D40F32-S	ϕ40	≤475	≤60L/次Order	20%~100%		510X320X170	270X270X1180
CQ20-P2600	20±0.5KHz	≤2600	T20-D50H590-D	ϕ44	≤593	≤60L/次Order	20%~100%		510X320X170	270X270X1180

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Digital desktop ultrasonic cleaner -UC-6000 series



CORE ADVANTAGES

- Time setting: digital control, multi segment ultrasonic cleaning time adjustment;
- Moisture and corrosion prevention: PCB moisture and corrosion prevention treatment;
- Security protection: Industrial grade IC, high voltage isolation design, safe and durable;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Quality process: Non seed nail bonding process, better cleaning effect;
- Material: High strength and environmentally friendly ABS injection molded shell, 304 stainless steel inner groove, durable and efficient.

Multi-frequency desktop ultrasonic cleaner -UC-3000 series



CORE ADVANTAGES

- Display mode: digital display and control, clear at a glance;
- Multi frequency cleaning: Multi frequency specially designed multi frequency transducers for higher cleaning and conversion efficiency;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Cleaning mode: multi frequency or three frequency cleaning can be automatically/manually switched;
- Time timing: digital timing, cleaning time 1~30min;
- Heating function: digital heating control, temperature can be set freely between 0-80°C;
- Material: 304 stainless steel inner groove+washing basket, anti-corrosion shell, durable and efficient.

Technical Parameter

Model	Capacity (mL)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Cover	Valve drain	Washing Basket	Inner Tank Dimension (mm)	Packing size (mm)	Gross weight (Kg)
UC-6008	400	46±1.5	24	NO	3~6mins	NO	YES	NO	standard	170×86×42	323×72×104	1.0
UC-6108	600	41±1.5	50	NO	1~5mins	NO	YES	NO	standard	155×95×48	247×190×145	1.0
UC-6106	750	41±1.5	50	NO	1~5mins	NO	YES	NO	standard	150×126×44	253×224×150	1.17
UC-6200	1400	39±1.5	60	NO	1~5mins	NO	YES	NO	standard	168×136×62	316×313×213	2.25
UC-6300	2500	39±1.5	70	100	1~8mins	65°C	YES	NO	standard	247×150×78	325×245×210	3.04

Model	Capacity (L)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Cover	Valve drain	Washing basket	Inner Tank Dimension (mm)	Packing size (mm)	Gross weight (Kg)
UC-3240L	11	28/40KHz or 40/80KHz or 40/80/120KHz	240	300	1~30mins	0~80°C	YES	YES	standard	300×240×150	412×357×380	9.7
UC-3360	15	28/40KHz or 40/80KHz or 40/80/120KHz	360	400	1~30mins	0~80°C	YES	YES	standard	330×300×150	472×437×420	12.5
UC-3360L	20	28/40KHz or 40/80KHz or 40/80/120KHz	360	400	1~30mins	0~80°C	YES	YES	standard	330×300×200	472×437×470	13.5
UC-3480	22	28/40KHz or 40/80KHz or 40/80/120KHz	480	400	1~30mins	0~80°C	YES	YES	standard	500×300×150	657×454×430	15
UC-3600	30	28/40KHz or 40/80KHz or 40/80/120KHz	600	500	1~30mins	0~80°C	YES	YES	standard	500×300×200	657×450×475	16.9

(voltage):220V±10% 50/60Hz 110V±10% 50/60Hz

BIOSPECTRIX PVT LTD

Digital display ultrasonic cleaner -UC-4000 series



CORE ADVANTAGES

- Display mode: digital display and control, clear at a glance;
- Time timing: digital timing, cleaning time 1-99 minutes;
- Heating function:MCH heating system, maximum set temperature of 80°C;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Quality process: Non seed nail bonding process, better cleaning effect;
- Material: 304 stainless steel inner groove+washing basket, anti-corrosion shell, durable and efficient.

Mechanical ultrasonic cleaning machine -UC-7000 series



CORE ADVANTAGES

- Optional modes: degassing mode, energy-saving mode, high-efficiency mode;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Time timing: mechanical time adjustment, cleaning time 1-120min;
- Heating function: mechanical heating control, temperature can be set freely between 30-80°C;
- Quality process: Non seed nail bonding process, better cleaning effect;
- Material: 304 stainless steel inner groove+washing basket, anti-corrosion shell, durable and efficient.

Technical Parameter

Model	Capacity (L)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Cover	Valve drain	Washing basket	Inner tank dimension (mm)	Packing size (mm)	Gross weight (Kg)
UC-4035	0.7	41±1.5	35	NO	10~600s	NO	YES	NO	optional	150×83×62	216×160×190	1.3
UC-4060L	2.0	39±1.5	70	NO	10~600s	NO	YES	NO	optional	150×135×100	242×227×265	2.6
UC-4060HL	2.0	39±1.5	70	100	10~600s	20~0	YES	NO	optional	150×135×100	242×227×275	2.7
UC-4120	3.2	39±1.5	120	100	1~99min	20~80	YES	NO	optional	240×135×100	342×240×310	4.77
UC-4120L	5.0	39±1.5	120	200	1~99min	20~80	YES	NO	optional	240×135×150	342×240×355	5.4
UC-4180	4.5	39±1.5	180	200	1~99min	20~80	YES	NO	optional	300×150×100	402×252×311	5.65
UC-4180L	6.8	39±1.5	180	300	1~99min	20~80	YES	NO	optional	300×150×150	402×252×355	6.2
UC-4240L	11	39±1.5	240	400	1~99min	20~80	YES	YES	optional	300×240×150	412×357×380	8.5
UC-4360	15	39±1.5	360	500(220V) 400(110V)	1~99min	20~80	YES	YES	optional	330×300×150	472×437×470	11.5
UC-4360L	20	39±1.5	360	500(220V) 400(110V)	1~99min	20~80	YES	YES	optional	330×300×200	472×437×470	12.5
UC-4480	22	39±1.5	480	600(220V) 500(110V)	1~99min	20~80	YES	YES	optional	500×300×150	657×454×430	14.5
UC-4600	30	39±1.5	600	600(220V) 500(110V)	1~99min	20~80	YES	YES	optional	500×300×200	657×450×475	16.0
UC-4600T	30	27±1.5	600	600(220V) 500(110V)	1~99min	20~80	YES	YES	optional	490×290×195	657×450×475	20.7

Model	Capacity (L)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Cover	Valve drain	Washing basket	Inner tank dimension (mm)	Overall dimensions (mm)	Gross weight (Kg)
UC-7060L	2.0	40	70	NO	1~120min	NO	YES	NO	optional	150×135×100	175×160×217	2.6
UC-7060HL	2.0	40	70	100	1~120min	NO	YES	NO	optional	150×135×100	175×160×217	2.6
UC-7120	3.2	40	120	100	1~120min	30~80	YES	NO	optional	240×135×100	268×170×243	4.77
UC-7120L	5.0	40	120	200	1~120min	30~80	YES	NO	optional	240×135×150	268×170×290	5.4
UC-7120T	3.2	40	120	200	1~120min	30~80	YES	YES	optional	240×135×100	268×170×290	6.7
UC-7180	4.8	40	180	200	1~120min	30~80	YES	NO	optional	300×150×100	325×178×243	5.65
UC-7180L	6.8	40	180	200	1~120min	30~80	YES	NO	optional	302×150×150	325×178×290	6.2
UC-7180T	4.5	40	180	200	1~120min	30~80	YES	YES	optional	300×150×100	325×178×290	7.5
UC-7240L	11	40	240	300	1~120min	30~80	YES	YES	optional	300×240×150	368×270×290	8.5
UC-7360	15	40	360	500(220V) 400(110V)	1~120min	30~80	YES	YES	optional	330×300×150	397×320×317	11.5
UC-7360L	20	40	360	500(220V) 400(110V)	1~120min	30~80	YES	YES	optional	330×300×200	397×320×368	12.5
UC-7480	22	40	480	600(220V) 500(110V)	1~120min	30~80	YES	YES	optional	500×300×150	560×320×317	14.5
UC-7600	30	40	600	600(220V) 500(110V)	1~120min	30~80	YES	YES	optional	500×300×200	560×320×385	16.0
UC-7600T	30	28	600	600(220V) 500(110V)	1~120min	30~80	YES	YES	optional	500×300×200	560×320×385	16.0

(voltage):220V±10% 50/60Hz 110V±10% 50/6 0Hz

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BIOSPECTRIX PVT LTD

High-frequency desktop ultrasonic cleaner -UC-8000 series



LCD digital ultrasonic cleaner -UC-9000 series



CORE ADVANTAGES

- Adjustable power: digital display and control, power adjustable within the range of 0% to 100%;
- High frequency optional: specially designed high-frequency transducer (53/68/80/100/132Khz);
- Heating function:MCH heating system, maximum set temperature of 80 °C;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Quality process: Non seed nail bonding process, better cleaning effect;
- Material: 304 stainless steel inner groove+washing basket, anti-corrosion shell, durable and efficient.

CORE ADVANTAGES

- LCD display screen: LCD display and control, easy to operate;
- One click degassing function: quickly remove air from water, with better ultrasonic cleaning effect;
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Adjustable power: meets different cleaning requirements;
- Time timing: digital timing, cleaning time 10s~100min;
- Heating function: digital heating control, temperature can be set freely between 20-80°C;
- Material: 304 stainless steel inner groove+washing basket, anti-corrosion shell, durable and efficient.

Technical Parameter

Model	Capacity (L)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Power regulation	Silencing cover	Valve drain	Washing basket	Inner Tank dimension (mm)	Packing size (mm)	Gross weight (Kg)
UC-8120	3.2	53/68/80KHz	120	100	1~99min	20~80	NO	YES	YES	optional	240×135×100	342×240×355	6.55
UC-8120L	5. 0	53/68/80KHz	120	200	1~99min	20~80	NO	YES	YES	optional	240×135×150	324×240×355	7.2
UC-8180	4. 5	53/68/80KHz	180	200	1~99min	20~80	NO	YES	YES	optional	300×150×100	402×252×355	7.43
UC-8180L	6. 8	53/68/80KHz	180	200	1~99min	20~80	NO	YES	YES	optional	300×150×150	402×252×355	8.0
UC-8240L	11	53/68/80/100/132KHz	240	300	1~99min	20~80	0~100%	YES	YES	optional	300×240×150	412×357×380	8.5
UC-8360	15	53/68/80/100/132KHz	360	400W/220V 300W/110V	1~99min	20~80	0~100%	YES	YES	optional	330×300×150	472×437×470	11.5
UC-8360L	20	53/68/80/100/132KHz	360	400W/220V 300W/110V	1~99min	20~80	0~100%	YES	YES	optional	330×300×200	472×437×470	12.5
UC-8480	22	53/68/80/100/132KHz	480	600W/220V 500W/110V	1~99min	20~80	0~100%	YES	YES	optional	500×300×150	657×452×430	14.51
UC-8600	30	53/68/80/100/132KHz	600	600W/220V 500W/110V	1~99min	20~80	0~100%	YES	YES	optional	500×300×200	657×452×475	16.0

Model	Capacity (L)	Working frequency (KHz)	Ultrasonic power (W)	Heating power (W)	Timing time (mins)	Temperature range (°C)	Cover	Valve drain	Washing Basket	Inner Tank dimension (mm)	Packing size (mm)	Gross weight (Kg)
UC-9120	3. 2	39±1.5KHz	120	100	10s~100min	20~80	YES	YES	optional	240×135×100	304×165×292	4.77
UC-9120L	5. 0	39±1.5KHz	120	200	10s~100min	20~80	YES	YES	optional	240×135×150	304×165×292	5.4
UC-9180	4. 5	39±1.5KHz	180	200	10s~100min	20~0	YES	YES	optional	300×150×100	367×176×292	5.65
UC-9180L	6. 8	39±1.5KHz	180	200	10s~100min	20~80	YES	YES	optional	300×150×150	367×176×292	6.2
UC-9240L	11	39±1.5KHz	240	300	10s~100min	20~80	YES	YES	optional	300×240×150	379×265×292	8.5
UC-9360	15	39±1.5KHz	360	500(220V) 400(110V)	10s~100min	20~80	YES	YES	optional	330×300×150	409×325×317	11.5
UC-9360L	20	39±1.5KHz	360	500(220V) 400(110V)	10s~100min	20~80	YES	YES	optional	330×300×200	409×325×367	12.5
UC-9480	22	39±1.5KHz	480	600(220V) 500(110V)	10s~100min	20~80	YES	YES	optional	500×300×150	581×325×317	14.5
UC-9600	30	39±1.5KHz	600	600(220V) 500(110V)	10s~100min	20~80	YES	YES	optional	500×300×200	581×325×387	16.0

(voltage):220V±10% 50/60Hz 110V±10% 50/6 0Hz

BIOSPECTRIX PVT LTD

Industrial single tank cleaner



Immersible ultrasonic transducers plate



CORE ADVANTAGES

- One click degassing function: quickly remove air from water, with better ultrasonic cleaning effect;
- Adjustable power: The power can be adjusted within the range of 0% to 100% to meet different cleaning requirements
- Sweep frequency drive: independently developed MCU-SWEEP ultrasonic drive, with uniform and powerful cleaning;
- Time timing: digital timing, cleaning time 1~9h 59min;
- Heating function: digital heating control, temperature can be set freely between 20~80 °C;
- Security protection: equipped with photoelectric sensing liquid level protection function, effectively protecting the safety of heating;
- Material and process: Made entirely of stainless steel, chrome plated on the vibrating surface, and riveted welded inside and outside the inner groove.

CORE ADVANTAGES

- Automatic frequency tracking: automatically corrects the frequency to improve cleaning efficiency;
- Constant power output: Ensure stable power output, uniform and strong ultrasonic cleaning;
- Heating function:MCH heating system, maximum set temperature of 80℃;
- Stable operation: 24-hour uninterrupted operation, meeting the needs of large-scale continuous production;
- Material and Process: Thickened SUS304/SUS316L stainless steel material, chrome plated vibration surface, and stronger sealing performance through double pulse welding technology;
- Support customization: can be manufactured according to the actual needs of customers.

Technical Parameter

	Model	Ultrasonic power (W)	Heating power (W)	Inner tank dimension (mm)	Dimensions (mm)	Working frequency (KHz)	Material	External device	Power supply
Medical ultrasonic cleaning machine	JYD-1018SG-LF-IF	900	3000	500×350×300	700×650×870	17/20/25/28/40 53/68/80/100/132 170/200KHz	304/316L stainless steel Thickness:2.0-3.0mm Vibrating plate chrome coated	Automatic intakeand drainage Filtering circulation Automatic lifting of washing basket(optional)	AC 380V 50Hz
	JYD-1030SG-LF-IF	1500	3000	600×450×300	800×650×870				
	JYD-1036SG-LF-IF	1800	6000	740×410×400	940×660×1010				
Boiling machine	JYD-1018ST-LF-IF		3000	500×350×300	700×650×870				
	JYD-1030ST-LF-IF		3000	600×450×300	800×650×870				
	JYD-1036ST-LF-IF		6000	740×410×400	940×660×1010				

Model	Capacity (L)	Ultrasonic power (W)	Number of transducers (PCS)	Inner tank dimension (mm)	Working frequency (KHz)	Material	External device	Power supply
JYD-1010SG	36-42	500	10	700×300×(170-200)	17/20/25/28/40 53/68/80/100/132 170/200KHz	304/316L stainless steel Thickness:2.0-3.0mm Vibrating plate chrome coated	Automatic intakeand drainage Filtering circulation Wash basket up and down (optional)	AC 380V 50Hz
JYD-1012SG	45	600	12	500×300×300				
JYD-1018SG	61	900	18	500×350×350				
JYD-1024SG	96	1200	24	600×400×400				
JYD-1030SG	108	1500	30	600×450×400				
JYD-1036SG	135	1800	36	600×500×450				
JYD-1048SG	175	2400	48	700×500×500				
JYD-1060SG	240	3000	60	800×600×500				
JYD-1072SG	360	3600	72	1000×600×600				
JYD-1096SG	468	4800	96	1750×700×500				
JYD-1108SG	480	5400	108	1200×800×500				

Model	Ultrasonic power (W)	Number of transducers (PCS)	Inner tank dimension (mm)	Working frequency (KHz)	Maximum temperature (°C)	Material	Power supply
JYD-1012P	600	12	350×300×100	25/28/40/68/80 100/132/170 200KHz	80°C	304 / 316L stainless steel Thickness: 2.0-3.0mm Vibrating plate chrome coated Cable length: 5m (customized)	110V±10%, 60Hz 220V±10%, 50/60Hz
JYD-1018P	900	18	450×300×100				
JYD-1024P	1200	24	550×400×100				
JYD-1030P	1500	30	580×400×100				
JYD-1036P	1800	36	600×500×100				
JYD-1042P	2100	42	650×550×100				
JYD-1048P	2400	48	700×600×100				

*Specific dimensions are customized according to the size of the tank