BioLAB

PRODUCT CATALOG

ULTRASONIC CLEANER

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ULTRASONIC CLEANER BJR1B2 TO BJR1B5

DIGITAL DESKTOP ULTRASONIC CLEANER

In dental practice,dental instruments such as forceps,chisels,scalpels, and drills must be thoroughly cleaned before disinfection.Before sterilization, cleaning is performed using ultrasound. By using ultrasonic clinic instruments developed there is no problem with removing alginate the impression tray and removing gypsum from the dental mold.

products have prevent oxidation,temperature protection function to prevent dry burning and time adjustment and power adjustment functions to meet your different cleaning needs.

Shiny metals or brightly colored gemstones are usually handmade into artworks,and all residues during the manufacturing process must be removed so that the jewelry can shine brightly.

With the passage of time and frequent wearing,beloved jewelry may change color,resulting in unsightly stains or dirt stuck in small cracks.Even when repairing, replacing,or redesigning jewelry,it is often necessary to remove residues of polishing paste and oxides.Use the Langee ultrasonic cleaning machine for powerful cleaning, making jewelry shine again.

Digital display
Timing
Heating
Deep Cleaning

1. High strength and environmental ABS injection molding
2. Top quality ultrasonic ceramics parts,quality higher than competitors
3. Industrial IC,high voltage isolation design,safe using and long working life
4. Damp-proof and anti-corrosion process of the PCB
5. Strict production and quality test control
6. Digital control,multi-stage ultrasonic cleaning adjustment
7. The tank is polished by SUS304 stainless steel stamping point 2500V high voltage test to ensure the product safety,Strict production process,aging process an

SPECIFICATIONS

Model	BJR1B2	BJR1B3	BJR1B4	BJR1B5
Old Model	BULC-101	BULC-102	BULC-103	BULC-104
Capacity (mL)	600	750	1400	2500
Frequency Working (Khz)	41±1.5		39±1.5	
Ultrasonic Power(W)	50		60	70
Heating Power(W)	NO			100
Timing time(mins)	1-5mins			1-8mins
Temperature Range(°C)	NO			65°C
Cover	YES			
Valve Drain	NO			
Working Basket	Standard			
Inner tank Dimension (mm)	155X95X48	150X126X44	168X136X62	247X150X78
Packing size (mm)	247X190X145	253X224X150	316X313X213	325X245X 210
Gross Weight (Kg)	1	1.17	2.25	3.04
Alt Name	Digital desktop ultrasonic cleaner			

BJR1B2

BJR1B3

BJR1B4

BJR1B5

FEATURES

Digital display

Timing

Heating

Deep Cleaning

1. High strength and environmental ABS injection molding
2. Top quality ultrasonic ceramics parts,quality higher than competitors
3. Industrial IC,high voltage isolation design,safe using and long working life
4. Damp-proof and anti-corrosion process of the PCB
5. Strict production and quality test control
6. Digital control,multi-stage ultrasonic cleaning adjustment
7. The tank is polished by SUS304 stainless steel stamping point 2500V high voltage test to ensure the product safety,Strict production process,aging process and quality control
8. All products are CE,FCC,RoHS,PSE certificated.

APPLICATIONS

These digital ultrasonic cleaner are apply to the cleaning and disinfection of medical tools and instruments in the dental clinic. Others. applications include the fast and efficient cleaning and disinfection sterilization of the eyeglasses, necklaces, earrings, bracelets, electronic products, watches, false teeth, printing head, razors, pen head, toothbrushes, coins, badge, nipples, cups,

tableware, fruit, etc.

ULTRASONIC CLEANER BER1CH1

ULTRASONIC CLEANER DIGITAL SERIES,WITH TIMER

1. just tab water, or industrial alcohol and solvent cleaner for more higher cleaning requirement.
2. timer, clear digital LCD display.
3. Power supply can be either AC 100 120V or AC 200 240V.
4. control chip microcontroller. flexible circuit boards control, more secure & stable.
5. Stainless steel made, resistance to wear.
6. Warranty time: 12 months.

SPECIFICATIONS

Model	BER1CH1
Frequency	42KHz
Transducer (PCS)	1
Capacity	0.8
Ultrasonic Power(W)	50
Timer	0-30 min
Tank Size (L*W*H MM)	150*85*65
Unit Size (L*W*H MM)	180*110*150
G.W/N.W	1.3/1
Alt Name	Ultrasonic Cleaner

ULTRASONIC CLEANER BJR1D2 TO BJR1D13

DIGITAL DISPLAY ULTRASONIC CLEANER

In dental practice,dental instruments such as forceps,chisels,scalpels, and drills must be thoroughly cleaned before disinfection.Before sterilization, cleaning is performed using ultrasound. By using ultrasonic clinic instruments developed there is no problem with removing alginate the impression tray and removing gypsum from the dental mold.
products have prevent oxidation,temperature protection function to prevent dry burning and time adjustment and power adjustment functions to meet your different cleaning needs.

Nozzles, hot beds, and other components are easily consumable.To ensure optimal performance of consumable.To ensure optimal performance of 3D printers, it is necessary to clean spare parts.Compared to traditional methods,using ultrasonic cleaning methods,using ultrasonic cleaning can greatly reduce consumables and save labor.Non destructive workpieces fast cleaning.
Suitable for components such as nozzles,movements, triangular flat seats, aluminum alloy shells,stainless steel wire wheels, etc.,as well as frames for guide rods, oil pumps,pump accessories,printers, and printing models.

Shiny metals or brightly colored gemstones are usually handmade into artworks,and all residues during the manufacturing process must be removed so that the jewelry can shine brightly.
With the passage of time and frequent wearing,beloved jewelry may change color,resulting in unsightly stains or dirt stuck in small cracks.Even when repairing, replacing,or redesigning jewelry,it is often necessary to remove residues of polishing paste and oxides.Use the Langee ultrasonic cleaning machine for powerful cleaning, making jewelry shine again.

The application of metals, mixed metals, and specific substrates is very extensive and is applied in various industries.Machines and components used in the manufacturing industry must also be cleaned regularly to ensure stable performance and smooth operation in the best possible way. Ultrasonic cleaning system plays an important role here, and engineers work with customers to develop the best cleaning process. Each machine component,tool,and auxiliary tool is professionally cleaned, rinsed, and dried in a modular or customer specific ultrasonic cleaning system without residue.

Digital display
Timing
Noise reduction processing
Temperature adjustable
1. Digital display and control;
2.Industrial high Q transducers,cleaning conversion efficiency is higher
3. No-stud welding technology,cleaning effect is better
4. MCU-SWEEP ultrasonic generator frequency-drive, ultrasonic cleaning more uniform, more powerful
5. MCH heating system,maximum temperature up to 80°C
6. All stainless steel material, inner tank is made by punching SUS304 1.0mm
7. 2500V high voltage test to ensure the product safety,Strict production proces

SPECIFICATIONS

Model	BJR1D2	BJR1D3	BJR1D4
Old Model	BULC-302	BULC-303	BULC-304
Capacity (L)	2		3.2
Frequency Working (Khz)	39±1.5		
Ultrasonic Power(W)	70		120
Heating Power(W)	NO	100	
Timing time(mins)	10-600s		1-99min

Temperature Range(°C)	NO	20-80	
Cover	YES		
Valve Drain	NO		
Working Basket	optional		
Inner tank Dimension (mm)	150X 135X100		240x135X100
Packing size (mm)	242x227X265	242x227X275	342x240X310
Gross Weight (Kg)	2.6	2.7	4.77
Alt Name	Digital display ultrasonic cleaner		

Model	BJR1D5	BJR1D6	BJR1D7	BJR1D8
Old Model	BULC-305	BULC-306	BULC-307	BULC-308
Capacity (L)	5	4.5	6.8	11
Frequency Working (Khz)	39±1.5			
Ultrasonic Power(W)	120	180		240
Heating Power(W)	200		300	400
Timing time(mins)	1-99 mins			
Temperature Range(°C)	20-80			
Cover	YES			
Valve Drain	NO			YES
Working Basket	optional			
Inner tank Dimension (mm)	240x135X150	300x150x100	300x150x150	300x240x150
Packing size (mm)	342x240X355	402X252X311	402X252X355	412X357X380
Gross Weight (Kg)	5.4	5.65	6.2	8.5
Alt Name	Digital display ultrasonic cleaner			

Model	BJR1D9	BJR1D10	BJR1D11	BJR1D12	BJR1D13
Old Model	BULC-309	BULC-310	BULC-311	BULC-312	BULC-313
Capacity (L)	15	20	22	30	
Frequency Working (Khz)	39±1.5				27±1.5
Ultrasonic Power(W)	360		480	600	
Heating Power(W)	500(220V)400(110V)		600(220V)500(110V)		
Timing time(mins)	1-99min				
Temperature Range(°C)	20-80				
Cover	YES				
Valve Drain	YES				
Working Basket	optional				
Inner tank Dimension (mm)	330x300x150	330x300x200	500X300x150	500X300x200	490x200x195
Packing size (mm)	472X437X470		657X454X430	657X450X475	
Gross Weight (Kg)	11.5	12.5	14.5	16	20.7
Alt Name	Digital display ultrasonic cleaner				

BJR1D2

BJR1D3

BJR1D4

BJR1D5

BJR1D6

BJR1D7

BJR1D8

BJR1D9 BJR1D10

BJR1D11

BJR1D12 BJR1D13

FEATURES

Digital display

Timing

Noise reduction processing

Temperature adjustable

1. Digital display and control;
2.Industrial high Q transducers,cleaning conversion efficiency is higher
3. No-stud welding technology,cleaning effect is better
4. MCU-SWEEP ultrasonic generator frequency-drive, ultrasonic cleaning more uniform, more powerful
5. MCH heating system,maximum temperature up to 80°C

6. All stainless steel material, inner tank is made by punching SUS304 1.0mm
7. 2500V high voltage test to ensure the product safety,Strict production process,aging process and quality control
8. All products are CE,FCC,RoHS,PSE certificated

APPLICATIONS

These digital ultrasonic cleaners suit for schools, scientific research institutions, hospitals, chemical, pharmaceutical, food and enterprises industries such as laboratory instruments cleaning as well as the pretreatment analysis of sample object, crushing, emulsification, blending, dispersion,quick dissolution,extraction,defoaming and degassing,chemical reaction acceleration, liquid viscosity reduction, etc. Besides, they are also used for the deep cleaning of the instruments,meters,electronic components, circuit boards, semiconductor silicon wafers,magnetic materials,chromed parts, hardware, optical lenses and spare parts, audio head, fiber optic connectors, polyester filter core, spinneret, latex molds, medical apparatus and instruments, glassware, jewelry, watches and clocks parts, precision parts, bearings, oil pump nozzle and the parts in mechanical manufacture and complex geometry parts.

ULTRASONIC CLEANER BER1CG1 TO BER1CG8

ULTRASONIC CLEANER DIGITAL MODEL,WITH TIMER AND HEATER

1. Use ordinary tap water, alcohol or solvent as cleaning;
2. High power transducer cleaning effect significantly, usable macroscopic observation;
3. After cleaning objects shine light;
4. LCD control boot time;
5. The stainless steel shell, bladder and cover, more upscale;
6. Waterproof properties is greatly improved, more safety products last;
7. constant temperature system with heating;
8. The stainless steel ultrasonic cleaning basket (optional).

SPECIFICATIONS

Model	BER1CG1	BER1CG2	BER1CG3	BER1CG4
Frequency	40KHz			
Timer	0-30 min			
Heater	RT-80℃			
Transducer(PCS)	1	2	3	
Capacity	2L	3.2L	4.5L	6.5L
Ultrasonic Power(W)	80	120	180	240
Heating Power(W)	150		200	
Tank Size (L*W*H MM)	150*135*100	240*135*100	300*150*100	300*150*150
Unit Size (L*W*H MM)	175*160*210	265*165*220	325*180*220	
Packing Size (L*W*H MM)	260*260*290	340*245*310	410*255*310	
G.W./N.W	2.4/2.9	3.6/4.3	4.6/5.5	5.4/6.3
Alt Name	Ultrasonic Cleaner			

Model	BER1CG5	BER1CG6	BER1CG7	BER1CG8
Frequency	40KHz			
Timer	0-30 min			
Heater	RT-80℃			
Transducer(PCS)	4	6	8	10
Capacity	10L	15L	22L	30L
Ultrasonic Power(W)	240	360	480	600

Heating Power(W)	450		600	
Tank Size (L*W*H MM)	300*240*150	330*300*150	500*300*150	500*300*200
Unit Size (L*W*H MM)	325*265*280	530*325*285	530*325*325	
Packing Size (L*W*H MM)	455*360*345	460*410*340	635*405*340	635*405*390
G.W./N.W	7.3/8.4	9.1/10.3	12.6/14	14.4/16
Alt Name	Ultrasonic Cleaner			

ULTRASONIC CLEANER BJR1F1 TO BJR1F9

LCD DIGITAL ULTRASONIC CLEANER

In dental practice,dental instruments such as forceps,chisels,scalpels, and drills must be thoroughly cleaned before disinfection.Before sterilization, cleaning is performed using ultrasound. By using ultrasonic clinic instruments developed there is no problem with removing alginate the impression tray and removing gypsum from the dental mold.
products have prevent oxidation,temperature protection function to prevent dry burning and time adjustment and power adjustment functions to meet your different cleaning needs.

In the laboratory, ultrasound also has many different applications,such as cleaning dissolution,homogenization,degassing,and emulsification. ultrasonic cleaning,equipment has been optimized for typical laboratory use,providing more problem-solving solutions. Our ultrasonic cleaner is used for strong cleaning of glass instruments,grinding joints, burettes, pipettes, test tube racks,and other items. Some difficult to reach areas can also be cleaned.Our ultrasonic machine is suitable for laboratory applications,such as HPLC solvent degassing, sample digestion,and emulsification processes. The circular ultrasonic cleaner developed emulsification processes.The circular ultrasonic cleaner developed specifically for the laboratory has a very uniform sound field distribution and a cleaning agent with an acidic to alkaline pH value, which improves the product range.

Nozzles, hot beds, and other components are easily consumable.To ensure optimal performance of consumable.To ensure optimal performance of 3D printers, it is necessary to clean spare parts.Compared to traditional methods,using ultrasonic cleaning methods,using ultrasonic cleaning can greatly reduce consumables and save labor.Non destructive workpieces fast cleaning. Suitable for components such as nozzles,movements, triangular flat seats,
aluminum alloy shells,stainless steel wire wheels, etc.,as well as frames for guide
rods, oil pumps,pump accessories,printers, and printing models.

Optical components have many different components. and due their characteristic they are widely used in various fields ultrasonic cleaner and cleaning systems are used for the production of micro,infrared, or precision optical devices,as well as the manufacturing of eyewear lenses, and are used for cleaning glasses in many well-known eyewear stores.
When producing various optical devices,our Langee experts and customers work together to develop the best cleaning process tailored to different optical material components,using a specially developed modular production line with separate system solutions and material compatible cleaning agents.

The application of metals, mixed metals, and specific substrates is very extensive and is applied in various industries.Machines and components used in the manufacturing industry must also be cleaned regularly to ensure stable performance and smooth operation in the best possible way. Ultrasonic cleaning system plays an important role here, and engineers work with customers to develop the best cleaning process. Each machine component,tool,and auxiliary tool is professionally cleaned, rinsed, and dried in a modular or customer specific ultrasonic cleaning system without residue.

LCD display screen
Degassing
Prevent dry bum
Power adjustable
1. LCD display and control,simple operation;
2. One-key degassing can quickly remove air in water, and the ultrasonic cleaning effect is better;
3. Independently developed MCU-sweep ultrasonic generator drive, uniform and strong ultrasonic effect;
4. Independently developed industrial high Q value transducer with high ultrasonic conversion efficiency and long service life;
5. Power adjustment function,can meet different cleaning requirements;

SPECIFICATIONS

Model	BJR1F1	BJR1F2	BJR1F3	BJR1F4
Old Model	BULC-601	BULC-602	BULC-603	BULC-604
Capacity (L)	3.2	5	4.5	6.8
Frequency Working (Khz)	39±1.5			
Ultrasonic Power(W)	120		180	
Heating Power(W)	100	200		
Timing time(mins)	10s-100min			
Temperature Range(°C)	20-80			
Cover	YES			
Valve Drain	YES			
Working Basket	optional			
Inner tank Dimension (mm)	240X135X100	240X135X150	300X150X100	300X150X150
Packing size (mm)	304X165X292		367X176X292	
Gross Weight (Kg)	4.77	5.4	5.65	6.2
Alt Name	LCD digital ultrasonic cleaner			

Model	BJR1F5	BJR1F6	BJR1F7	BJR1F8	BJR1F9
Old Model	BULC-605	BULC-606	BULC-607	BULC-608	BULC-609
Capacity (L)	11	15	20	22	30
Frequency Working (Khz)	39±1.5				
Ultrasonic Power(W)	240	360		480	600
Heating Power(W)	300	400		500	
Timing time(mins)	10s-100min				
Temperature Range(°C)	20-80				
Cover	YES				
Valve Drain	YES				
Working Basket	optional				
Inner tank Dimension (mm)	300X240X150	330X300X150	330X300X200	500X300X150	500X300X200
Packing size (mm)	379X265X292	409X325X317	409X325X367	581X325x317	581X325X387
Gross Weight (Kg)	8.5	11.5	12.5	14.5	16
Alt Name	LCD digital ultrasonic cleaner				

BJR1F1

BJR1F2

BJR1F3

BJR1F4

BJR1F5

BJR1F6

BJR1F7

BJR1F8

BJR1F9

FEATURES

LCD display screen

Degassing

Prevent dry bum

Power adjustable

1. LCD display and control,simple operation;
2. One-key degassing can quickly remove air in water, and the ultrasonic cleaning effect is better;
3. Independently developed MCU-sweep ultrasonic generator drive, uniform and strong ultrasonic effect;
4. Independently developed industrial high Q value transducer with high ultrasonic conversion efficiency and long service life;
5. Power adjustment function,can meet different cleaning requirements;

6. Imported high strength glue, seedless nail bonding process, higher ultrasonic conversion efficiency:
7. Digital timing,cleaning time 10s-100min and digital heating control, temperature 20-80°C arbitrary setting;
8. The inner groove adopts imported SUS304,1. 0mm stainless steel stamping, ultrasonic exchange effect is better, longer service life;
9. The washing basket is made of high quality 304 stainless steel mesh welding, surface electrolytic polishing treatment;
10. The shell is made of high quality stainless steel,with better anti corrosion effect.

APPLICATIONS

These digital ultrasonic cleaner are apply to the cleaning and disinfection of medical tools and instruments in the dental clinic. Others applications include the fast and eficient cleaning and disinfection sterilization of the eyeglasses, necklaces, earrings, bracelets, electronic products, watches, false teeth, printing head, razors, pen head, toothbrushes, coins,badge, nipples, cups, tableware, fruit, etc.

ULTRASONIC CLEANER BFG1G1

ULTRASONIC CLEANER

SPECIFICATIONS

Model	BFG1G1
Power	75W
Voltage	220V/50Hz
Tank size	240mm*140mm*150mm
Capacity	5L
Temp. range	20-80°C
Time range	1~60min
N.W.	4.0kgs
G.W.	5.0kgs
Alt Name	Ultrasonic Cleaner

ULTRASONIC CLEANER BEM2M1 TO BEM2M10

ULTRASONIC CLEANER

Ultrasonic cleaner is a non-polluting, non-damaging, multi-purpose cleaning equipment. It not only has a powerful cleaning effect on objects with complex shapes, but also accelerates dissolution and emulsification.Ultrasonic cleaner has the unparalleled advantages of other physical cleaning or chemical cleaning, and is widely used in service industry, electronics industry, pharmaceutical industry, laboratory, machinery industry, cemented carbide industry, chemical industry and other fields.

Ultrasonic Cleaner BEM2M1
1. Standard accessories: soundproof cover, basket, PVC pipe.
2. The shell and inner cavity are made of 304 stainless steel, which is anti-corrosion.
3. LED display

SPECIFICATIONS

Model	BEM2M1	BEM2M2	BEM2M3	BEM2M4	BEM2M5
Old Model	BULC-901	BULC-902	BULC-903	BULC-904	BULC-905
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	single frequency, 40 kHz				
Time Range/Heating Temp.	1~99min/RT~80°C				
Ultrasonic Power (W)	180	240	360	480	600
Heating Power (W)	500				
Power Supply	AC220V, 50Hz				
Tank Size(mm)	300*150*150	300*240*150	330*300*150	500*300*150	500*300*200
External Size(mm)	330*180*310	330*270*310	360*330*310	530*330*310	530*330*350
Packing Size(mm)	430*250*350	430*340*350	460*400*400	640*400*400	
Gross Weight(kg)	6	8	10	13	15
Alt Name	Ultrasonic Cleaner				

Model	BEM2M6	BEM2M7	BEM2M8	BEM2M9	BEM2M10
Old Model	BULC-906	BULC-907	BULC-908	BULC-909	BULC-910
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	single frequency, 40 kHz				
Time Range/Heating Temp.	1~60min/RT~80°C				
Ultrasonic Power (W)	180	240	360	480	600
Heating Power (W)	500				
Power Supply	AC220V, 50Hz				
Tank Size(mm)	300*150*150	300*240*150	330*300*150	500*300*150	500*300*200
External Size(mm)	330*180*310	330*270*310	360*330*310	530*330*310	530*330*350
Packing Size(mm)	430*250*350	430*340*350	460*400*400	640*400*400	
Gross Weight(kg)	6	8	10	13	15
Alt Name	Ultrasonic Cleaner				

FEATURES BEM2M1 BEM2M2 BEM2M3 BEM2M4 BEM2M5

1. Standard accessories: soundproof cover, basket, PVC pipe.
2. The shell and inner cavity are made of 304 stainless steel, which is anti-corrosion.
3. LED display

FEATURES BEM2M6 BEM2M7 BEM2M8 BEM2M9 BEM2M10

1. Standard accessories: soundproof cover, basket, PVC pipe.
2. The shell and inner cavity are made of 304 stainless steel, which is anti-corrosion.

ULTRASONIC CLEANER BEM2O1 TO BEM2O5

ULTRASONIC CLEANER

Ultrasonic cleaner is a non-polluting, non-damaging, multi-purpose cleaning equipment. It not only has a powerful cleaning effect on objects with complex shapes, but also accelerates dissolution and emulsification. Ultrasonic cleaner has the unparalleled advantages of other physical cleaning or chemical cleaning, and is widely used in service industry, electronics industry, laboratory, machinery industry, cemented carbide industry, chemical industry and other fields.

1. Standard accessories:1pc of soundproof cover, 1pc of basket, 1pc of PVC pipe.
2. The shell and inner cavity are made of 304 stainless steel, which is anti-corrosion.
3. LED display

SPECIFICATIONS

Model	BEM201	BEM202	BEM203	BEM204	BEM205
Old Model	BULC-916	BULC-917	BULC-918	BULC-919	BULC-920
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	Single frequency, 40kHz				
Time Range/Heating Temperature	1~99min/RT~80°C				
Ultrasonic Power	180W	240W	360W	480W	600W
Heating Power	500W				
Power Supply	220V, 50Hz				
Tank Size(mm)	300*150*150	300*240*150	330*300*150	500*300*150	500*300*200
External Size(mm)	330*180*310	330*270*310	360*330*310	530*330*310	530*330*350

Packing Size(mm)	440*280*355	440*360*355	475*415*380	640*415*380	640*415*425
Gross Weight(kg)	7	9	11	14	17
Alt Name	Ultrasonic Cleaner				

ULTRASONIC CLEANER BEM2N1 TO BEM2N5

ULTRASONIC CLEANER

Ultrasonic cleaner is a non-polluting, non-damaging, multi-purpose cleaning equipment. It not only has a powerful cleaning effect on objects with complex shapes, but also accelerates dissolution and emulsification. Ultrasonic cleaner has the unparalleled advantages of other physical cleaning or chemical cleaning, and is widely used in service industry, electronics industry, laboratory, machinery industry, cemented carbide industry, chemical industry and other fields.

1. Standard accessories: 1pc of soundproof cover, 1pc of basket, 1pc of PVC pipe.
2. The shell and inner cavity are made of 304 stainless steel, which is anti-corrosion.
3. LED display

SPECIFICATIONS

Model	BEM2N1	BEM2N2	BEM2N3	BEM2N4	BEM2N5
Old Model	BULC-911	BULC-912	BULC-913	BULC-914	BULC-915
Capacity (L)	6.5	10	15	22.5	30
Ultrasonic Frequency	Double frequency, 28/40kHz				
Time Range/Heating Temperature	1~99min/RT~80°C				
Ultrasonic Power	180W	240W	360W	480W	600W
Heating Power	500W				
Power Supply	220V, 50Hz				
Tank Size(mm)	300*150*150	300*240*150	330*300*150	500*300*150	500*300*200
External Size(mm)	330*180*310	330*270*310	360*330*310	530*330*310	530*330*350
Packing Size(mm)	440*280*355	440*360*355	475*415*380	640*415*380	640*415*425
Gross Weight(kg)	7	9	11	14	17
Alt Name	Ultrasonic Cleaner				

ULTRASONIC CLEANER BJR1J1 TO BJR1J7

ULTRASONIC EXTRACTION, CELL FRAGMENTATION INSTRUMENT

Ultrasonic extractor and disruptor is a powerful and multifunctional ultrasonic equipment. It uses the principle of ultrasonic energy concentration to produce high intensity and cavitation effect in liquid, which is suitable for the disruption of various cells and viruses, as well as emulsification, separation,extraction and other operations.It is widely used in the fields of life science,traditional medicine and other fields, such as crushing and protein extraction of bacteria and viruses and spores, as well as the extraction and extraction of traditional medicinal materials. In addition, it is also suitable for many fields such as geology, physics, archaeology, chemical industry and medical treatment to achieve the dispersion, emulsification,homogenization and accelerated reaction of samples, providing convenience for scientific research work.

Rapid extraction
4.3-inch touch screen
Overload protection
Over-temperature protection
1. EQ series ultrasonic extractor has good performance in extraction, homogenization, stirring, etc.
2. 4.3-inch smart touch screen display;
3. High throughput extraction, achieving efficient, fast, and one-time multi sample processing with strong consistency;
4. Choose between gap or continuous pulse mode;
5. Flexible parameter settings, continuously adjustable ultrasound time and power, good stability;

SPECIFICATIONS

Model	BJR1J1	BJR1J2	BJR1J3
Frequency Working (Khz)	28±1		
Ultrasonic Power(W)	≤100	≤300	
Working diameter(mm)	Φ3 Φ6 Φ8 Φ10	Φ12 Φ15 Φ20	
Working Voltage	Indicator Light	4.3-inch touch screen	
Dispersed capacity(mL)	10-100	100-1000	
Duty Cycle	10%-100%		
Adjustable Time	1-999min		
Protective Function	Over TemperatureOver powerOvertime/Overload		
Chassis size(mm)	540X340X150	550X350X500	390X390X560
Alt Name	Ultrasonic extraction, cell fragmentation instrument		

Model	BJR1J4	BJR1J5	BJR1J6	BJR1J7
Frequency Working (Khz)	20±0.5			
Ultrasonic Power(W)	≤400		≤700	
Working diameter(mm)	Φ10 Φ15 Φ20 Φ25		Φ20 Φ25 Φ30 Φ35	
Working Voltage	4.3-inch touch screen			
Dispersed capacity(mL)	200-1000	200-1S000	800-5000	
Duty Cycle	10%-100%			
Adjustable Time	1-999min			
Protective Function	Over TemperatureOver powerOvertime/Overload			
Chassis size(mm)	550X350X500	390X390X560	550X350X500	390X390X560
Alt Name	Ultrasonic extraction, cell fragmentation instrument			

BJR1J1

BJR1J2

BJR1J3

BJR1J4

BJR1J5

BJR1J6

BJR1J7

FEATURES

Rapid extraction

4.3-inch touch screen

Overload protection

Over-temperature protection

1. EQ series ultrasonic extractor has good performance in extraction, homogenization, stirring, etc.
2. 4.3-inch smart touch screen display;
3. High throughput extraction, achieving efficient, fast, and one-time multi sample processing with strong consistency;
4. Choose between gap or continuous pulse mode;

5. Flexible parameter settings, continuously adjustable ultrasound time and power, good stability;
6. Titanium alloy tool heads are used in laboratory sample extraction and crushing, with high conversion efficiency and long service life;
7.Intelligent storage, capable of creating and storing up to 20 sets of operating programs;
8. Multiple protections: overload protection, over-temperature protection,
over-time protection, over-power protection, etc.

APPLICATIONS

Fragmentation of cells, bacteria, viruses and other cellular structures;
Homogeneous soil and rock samples;
Preparation of DNA fragmentation in high-throughput sequencing and chromatin immunoprecipitation.
Study the structural and physical characteristics of rocks;
Dispersion of pharmaceutical substances for injection;
Ultrasound to homogenize beverages:
Dispersion and extraction of Chinese herbal medicine:
Cracking, emulsification, homogenization and crushing of particulate matter such as carbon nanotubes and rare earth materials;
Speed up the dissolution and speed up the chemical reaction, for example for the processing of oils and fats.

ULTRASONIC CLEANER BJR1K1 BJR1K2

INDUSTRIAL ULTRASONIC EXTRACTION SYSTEM

Ultrasonic extractor and disruptor is a powerful and multifunctional ultrasonic equipment. It uses the principle of ultrasonic energy concentration to produce high intensity and cavitation effect in liquid, which is suitable for the disruption of various cells and viruses, as well as emulsification, separation,extraction and other operations.It is widely used in the fields of life science,traditional medicine and other fields, such as crushing and protein extraction of bacteria and viruses and spores, as well as the extraction and extraction of traditional medicinal materials. In addition, it is also suitable for many fields such as geology, physics, archaeology, chemical industry and medical treatment to achieve the dispersion, emulsification,homogenization and accelerated reaction of samples, providing convenience for scientific research work.

Rapid extraction
Widely used
Simple operation
Low cost
1. Intelligent automatic frequency tracking ultrasonic generator,real-time frequency tracking,to ensure that the ultrasonic wave is in the best effect range;
2. 20KHz 2600W high-power transducer, low impedance, high conversion efficiency,strong amplitude;
3. Titanium alloy extraction application tool head has high conversion efficiency and long service life;
4. PLC or RS485 control function,with error output port;
5. Abnormal protection of frequency, power, transducer current,etc.

SPECIFICATIONS

Model	BJR1K1	BJR1K2
Working frequency (Khz)	27.80±0.8	19.90±0.8
Ultrasonic Power (W)	1000	2600
Working Voltage (V)	220±10%	
Working Diameter (mm)	20	50
Alt Name	Industrial ultrasonic extraction system	

BJR1K1

BJR1K2

FEATURES

Rapid extraction

Widely used

Simple operation

Low cost

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2. 20KHz 2600W high-power transducer, low impedance, high conversion efficiency,strong amplitude;
3. Titanium alloy extraction application tool head has high conversion efficiency and long service life;
4. PLC or RS485 control function,with error output port;
5. Abnormal protection of frequency, power, transducer current,etc.
6. Titanium alloy tool heads are used for laboratory sample extraction and crushing, with high.

APPLICATIONS

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Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com