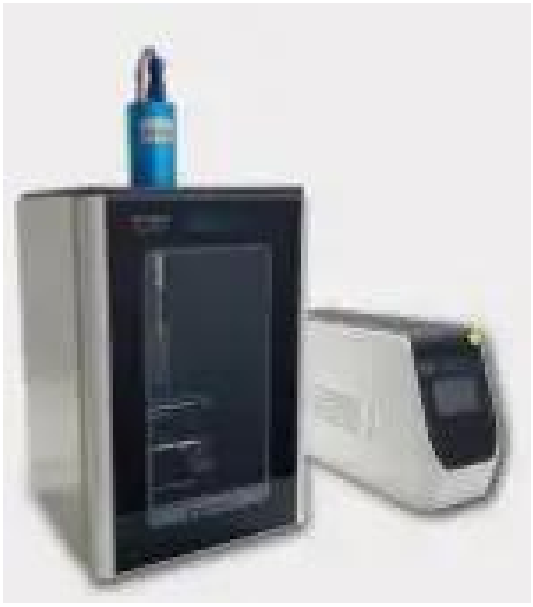
BioLAB

PRODUCT CATALOG



ULTRASONIC CLEANER BJR1J7

CE ISO9001 CERTIFIED

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

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.

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