

Operation Manual



BULC-901

Ultrasonic Cleaner

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Thanks for choosing Biolab product! Please read this instruction manual carefully before use!

01 Components of the machine

Main machine	1
Soundproof cover	1
Power cord	1

02 Scope of application

Ultrasonic cleaner has the unparalleled advantages of other physical cleaning or chemical cleaning, so it is widely used in service industry, electronics industry, pharmaceutical industry, laboratory, machinery industry, cemented carbide industry, chemical industry and other fields.

03 Technical parameters

BULC-901	
Items	Parameters
Ultrasound frequency (KHz)	40
Ultrasound power (W)	180
Ultrasound timing method	Digital
Ultrasound timing (min)	1-99
Inner groove size (L*W*H) mm	300*150*150
Dimensions (L*W*H) mm	330*180*310
Volume (L)	6.5
Heating power (W)	500
Temperature control (°C)	RT-80
Drain	Have
Cover	Have

Power supply	Single phase AC 220V 50Hz
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04 Operation

1. After unpacking, shake the machine slightly, listen to whether there is any sound in the case, and confirm whether the parts are loose;
2. The machine is placed in a ventilated and dry place to ensure that the machine is in a horizontal position;
3. Add an appropriate amount of cleaning liquid as required for cleaning (if heating is required, the liquid level should not be lower than 2/3 of the tank depth);
4. Connect the power plug correctly: make sure that the power supply has a reliable ground wire!
5. Adjust the ultrasonic working time:
After turning on the power, press the button on the right side of the display to adjust the required cleaning time according to the time displayed on the display. The indicator light is on, and the sound of "ZIZI" is emitted, indicating that the ultrasonic wave starts to run;
6. Adjust the working temperature (select heating if necessary):
Adjust the temperature button according to the required working temperature, stop when the display reaches the required temperature (the best cleaning temperature of 40-60 degrees), and the heating element starts to work;
7. Shut down after finishing work:
After the cleaning work is completed, if no further operation is required, turn off the heating element and disconnect the power supply; after the cleaning liquid has cooled to room temperature, pour out the cleaning liquid, and wipe the inner tank and outer casing of the machine.

05 Notes

1. During normal operation of the ultrasonic wave, the uniform sound of the resonance between the ultrasonic wave and the tank body shall be heard, and the surface of the cleaning liquid is free of agitation, only the ripples caused by cavity blasting. If there is intermittent oscillation, please add a little cleaning liquid or discharge a little cleaning liquid to eliminate the oscillation, which is conducive to cleaning the parts;
2. On the premise of ensuring the cleanliness of the cleaning objects, work intermittently and without heating as much as possible, because heating and long-term ultrasonic work will increase the temperature in the chassis, which will easily accelerate the aging of electronic devices;
3. Never use flammable and corrosive cleaning agents;
4. When there is no proper amount of cleaning solution in the cleaning tank, heating and ultrasonic waves must not be turned on;
5. Prevent the cleaning liquid and water from entering the chassis, soaking the circuit board and the vibrator, which will burn the electronic components;
6. If a foreign object falls into the bottom of the tank, it should be taken out immediately (do not take it directly by hand to prevent injury);
7. When changing the liquid or draining the liquid, it should be carried out under the normal temperature of the cleaning liquid in the tank, and be sure to turn off the power and unplug

the power cord! (After cleaning, do not accumulate liquid in the cleaning tank!)

8. After the cleaning work is completed, the dirt in the tank should be cleaned and removed immediately to keep the appearance clean and dry:

9. The working time of each startup should not be too long, and the machine should be shut down for five minutes to dissipate heat after about 15 minutes of startup, so as to better protect the machine and reduce the failure rate.

06 Warranty

The warranty of this device is one year. In case of failure due to normal use within one year, you can enjoy free warranty with this card, invoice or receipt. Man-made faults caused by man-made damage, unauthorized disassembly and maintenance, failure to operate according to the correct instructions in the instruction manual, and lack of reasonable maintenance are not covered by the warranty. For maintenance services outside the scope of warranty, the corresponding material costs will be charged according to the actual situation.



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