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Multi-function ultrasonic cleaner

Instruction Manual >>>



APPLICATION:

Electronic factory, Car work shops, Industrial and mining area, Laboratories, Hospitals, Dental clinics, Watch shops, Optical shops, Jewelry shops, Mobile phone repair shops, and household use.

ULTRASONIC CLEANER

Ultrasonic cleaner

- Thanks for purchasing this machine.
- Read all instructions before operating the device.
- Please keep the manual for reference.

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Cautions

- Ensure the power supply is in rated range before power cable is connected. Refitting is strictly prohibited! Attention that the control panel will be croded by organic solution, strong acid and strong alkali.
- Ensure the earth wiring is well connected before starting.
- Activate key of system should be on position of “ ON/OFF ” button.
- Do not turn on machine if the tank is empty or the transducer will be damaged.
- Please close the lid to reduce noise and pay attention to water and steam in case of burning skin while open the lid.
- Do not relocate the machine when fluid in the tank in case of overflow.
- Water-soluble liquid is suggested for bench top ultrasonic cleaner. Strong acid or flammability cleaner is strictly forbidden. If solvent type cleaner is added in tank, please stop working for a while after 30mins cycle.
- Do not use the machine in below environment.
 - The place where temperature change fiercely
 - The place where humidity is too high and is easy to produce dew.
 - The place where vibration or impact is strong
 - The place where exists corrosive gas or dust
 - The place where water,oil or chemicals splash
 - The place where is filled with explosive and flammable gas



Do not work for long time when you use flammable liquid like alcohol!
You will get better cleaning effect if cleaning solution is added in ultrasonic cleaner.

ULTRASONIC CLEANER

Maintenance

- The unit must be opened by authorised specialised person only for maintenance and care of it.
- Clean the contaminant in the tank frequently.

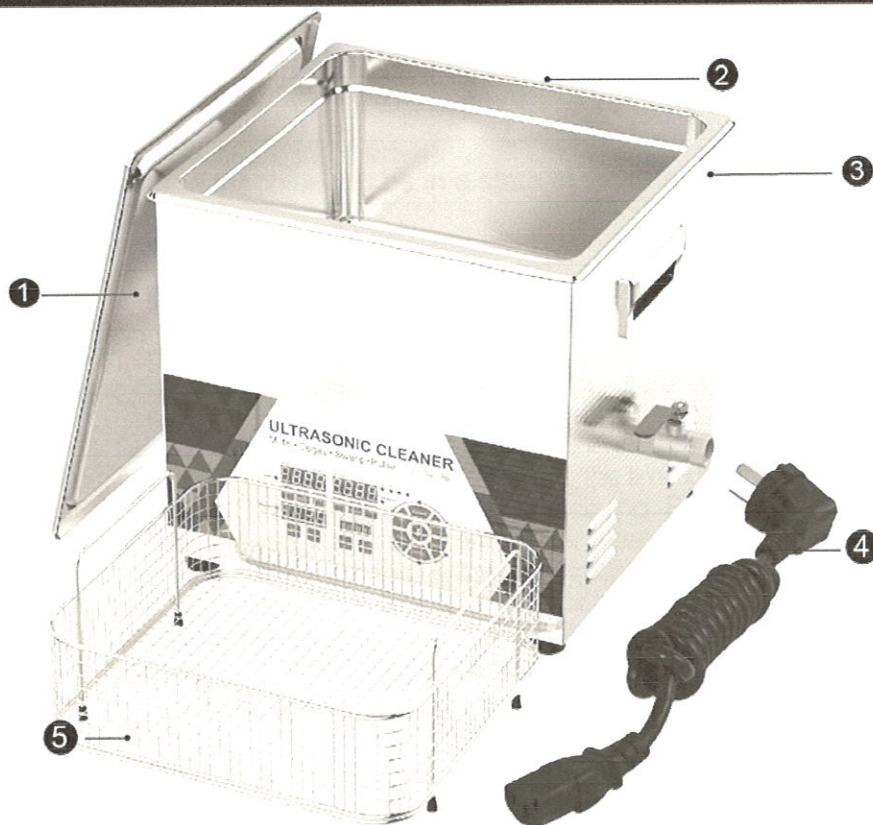
Trouble clearing

NO	Problems	Possible causes	Solutions	Remarks
1	No ultrasonic	A.Power supply not connect B.Fuse broken C.Cable short circuit D.Transducer short circuit E.PCB Board broken F.Other reasons	A.Check and plug power switch. B.Check the fitted power supply and change the same specification fuse. C.Connect fitted cable or replace a new. D.Inquiry our after service engineer. E.Check the broken part and replace it. F.Inquiry our after service engineer.	
2	Time control failure	A.Timer knob out of control B.Timer failure	A.Loosen or tighten the screw. B.Replace timer or digital panel. C.Inquiry our after service engineer.	
3	No heating	A.Heater power switch linkage. B.Fuse burn outl. C.Heating pad burn out. D.Digital display board out of control E.Other reasons	A.Check heating plug and connect well, Check outlet line with multimeter: if OK and resistance value is few hundred OHMs. B.Change the same specification fuse. C.Replace the bad heating pad if open circuit. D.Check the broken part and replace it. E.Inquiry our after service engineer.	Suggestion 50-60°C
4	Temperature control failure	A.Thermostat loosen. B.Thermostat tube broken. C.Digital display of control.	A.Fasten the thermostat header. B.Replace thermostat. C.Check the broken part and replace it. D.Inquiry our after service engineer.	
5	Not well cleaning	A.Not Strong ultrasonic cleaning. B.Too high too low liquid surfacel. C.too high too low temperature. D.Not suitable cleaning liquid. E.Other reasons	A.Connect ultrasonic button and adjust. B. Adjust liquid into best urface. C.Adjust temperature into the most fitted. D.Stop and switch off power supply, replace suitable liquid after the previous liquid cool down. E.Inquiry our after service engineer.	Suggestion 50-60°C
6	Electric leakage	C.Customer side not rounded. D.Machine not grounded.	C.Make sure the wire. D.Check if machine earth loosen.	
7	Other problems			

ULTRASONIC CLEANER

Product introduction

- ① Lid
- ② Tank
- ③ Stainless steel body
- ④ Plug
- ⑤ Stainless steel basket



TEMPERATURE
ON/OFF
Tem-
Tem+

TIME
ON/OFF
Time-
Time+



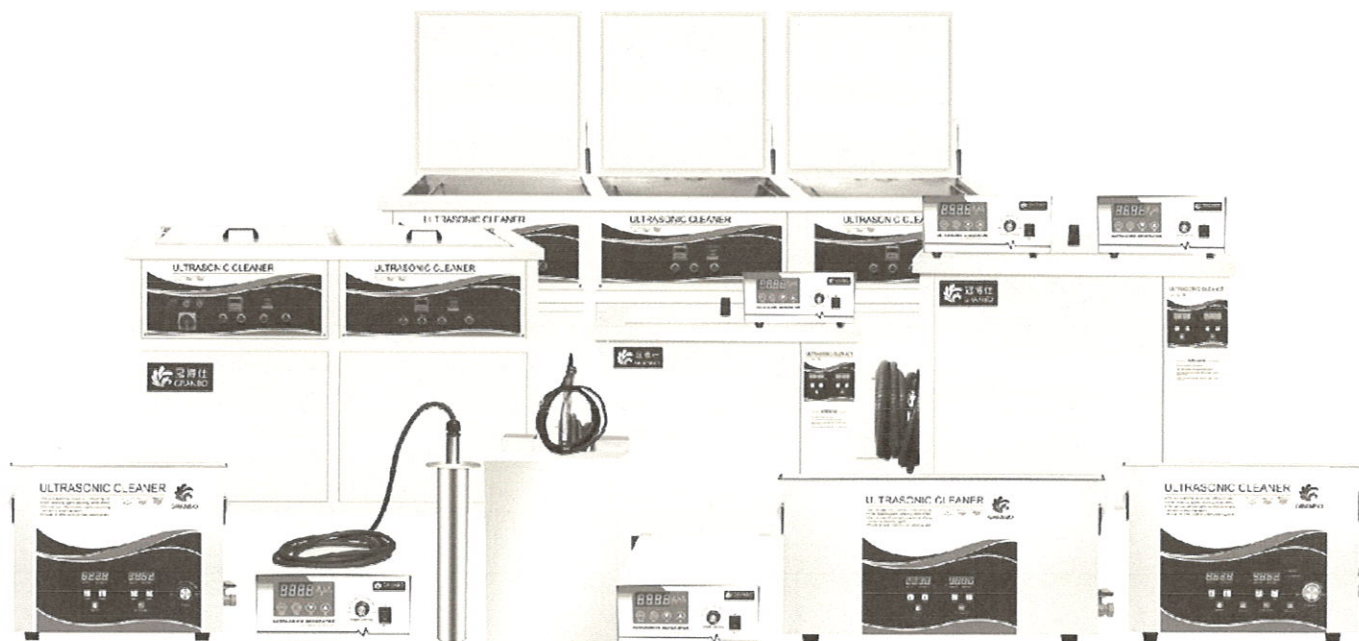
Frequency Current Pow- Pow+

F: Frequency switch (only available for multi-frequency version)
Standard: Standard cleaning mode
Eco: Economy slight mode
Pulse: Pulse enhancement mode
Sweep: Sweep frequency mode
Dynamic: Dynamic Combines mode
Degas: Degassing mode

ULTRASONIC CLEANER

Specification

Model	Capacity (L)	Frequency (KHz)	Ultrasonic Power (W)	Heating Power (W)	Tank Size (LxWxH mm)	Unit Size (LxWxH mm)	Temp. (°C)	Timer (s)
GL0203	3.2	28/40/80/120	0-100	300	240x135x100	265x165x255	20-80	1-9999
GL0205	4.8	28/40/80/120	0-100	300	240x135x150	265x165x305	20-80	1-9999
GL0304	4.5	28/40/80/120	0-150	450	300x150x100	325x175x255	20-80	1-9999
GL0306	6.5	28/40/80/120	0-150	450	300x150x150	325x175x305	20-80	1-9999
GL0410	10	28/40/80/120	0-200	600	300x240x150	325x265x310	20-80	1-9999
GL0414	14	28/40/80/120	0-200	600	300x240x200	325x265x360	20-80	1-9999
GL0615	15	28/40/80/120	0-300	1000	330x300x150	355x325x330	20-80	1-9999
GL0619	19	28/40/80/120	0-300	1000	330x300x200	355x325x380	20-80	1-9999
GL1022	22	28/40/80/120	0-500	1000	500x300x150	530x330x335	20-80	1-9999
GL1030	30	28/40/80/120	0-500	1000	500x300x200	530x330x385	20-80	1-9999
GL0303	3.2	28/40/80/120	0-150	300	240x135x100	265x165x255	20-80	1-9999
GL0305	4.8	28/40/80/120	0-150	300	240x135x150	265x165x305	20-80	1-9999
GL0404	4.5	28/40/80/120	0-200	450	300x150x100	325x175x255	20-80	1-9999
GL0406	6.5	28/40/80/120	0-200	450	300x150x150	325x175x305	20-80	1-9999
GL0610	10	28/40/80/120	0-300	600	300x240x150	325x265x330	20-80	1-9999
GL0810	10	28/40/80/120	0-400	600	300x240x150	325x265x330	20-80	1-9999
GL0814	14	28/40/80/120	0-400	600	300x240x200	325x265x380	20-80	1-9999
GL0815	15	28/40/80/120	0-400	1000	330x300x150	355x325x330	20-80	1-9999
GL1015	15	28/40/80/120	0-500	1000	330x300x150	355x325x330	20-80	1-9999
GL1019	19	28/40/80/120	0-500	1000	330x300x200	355x325x380	20-80	1-9999
GL1222	22	28/40/80/120	0-600	1000	500x300x150	530x330x335	20-80	1-9999
GL1622	22	28/40/80/120	0-800	1000	500x300x150	530x330x335	20-80	1-9999
GL1630	30	28/40/80/120	0-800	1000	500x300x200	530x330x385	20-80	1-9999



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Professional teams provide design solutions for OEM/ODM

- Optional size, power and functions
- Frequency: 20/25/28/40/68/80/120/132/200 KHZ
- Voltage: Single-phase 110V/220V Three-phase 220V/380V/415V
- Material: SUS304/SUS316 T2.0/T2.5/T3.0
- Other functions: Filtration, Spray, Bubbling, Drying, Lifting, Throwing, Condensation, Slow-pulling, PLC (Programmable Logic Controller) system, etc.

Granbo Technology Industrial Shenzhen Co., Ltd.

Add: S&T Building, Quanzhi Technology Innovation Park, Shajing Street, Bao'an District, Shenzhen, China.

Tel: +86-755-27502790

E-mail: granbo@granbo.com

Website: www.granbo.com

www.granbosonic.com