

ULTRASONIC CLEANER USER MANUAL

Digital Series Mechanical Series


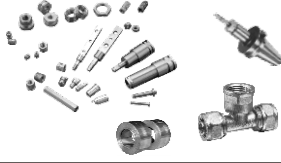






READ THIS «MANUAL» BEFORE USING



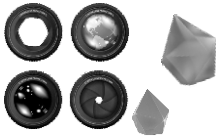
GENERAL GUIDELINES:(Read all guidelines before using)

1. Do not use any strong acid or alkali or other corrosive cleaning fluid to avoid damage of the tank.
2. When turn on the heating function ,the water or cleaning fluid must be added to 1/2~2/3 full of the tank to prevent damage from the heating element.
- △3. Do not operate the unit without water or cleaning fluid in the tank as damage may occur.
4. Do not allow any objects or cleaning fluid enter into the device internal except the tank.
5. Do not operate the unit more than 30 minutes continually and must stop more than 30 minutes for next use, otherwise ,it will shorten the lifetime of the device.
6. Whatever empty or replace the water or cleaning fluid, please make sure the water or cleaning fluid in the tank is normal temperature or cool also must turn off the device and unplug the power cord.
7. After use, wipe the stainless steel tank and housing with a clean dry cloth. DO NOT wash the unit with water directly.
8. The unit should be stored in a cool dry place, away from any heat sources and moisture.

APPLICATION RANGE

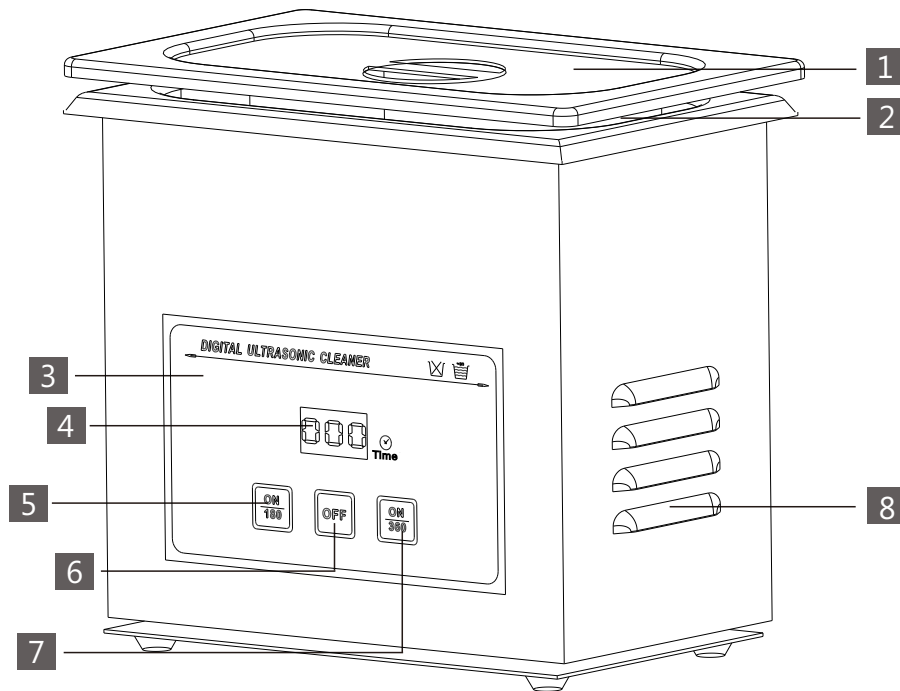
LAB ITEMS	PRECISION PARTS	PCB/INKJET CARTRIDGES
		
<p>Test tubes, beakers , flasks, etc.</p>	<p>Bearings, gears, valves, tools, brass, etc.</p>	<p>PCBS, ink cartrides, etc.</p>

COLLECTIONS	HOUSEHOLD ARTICLES	MEDICAL/ DENTAL INSTRUMENTS
		
<p>Ancient coins, badges.</p>	<p>Necklaces, eyeglasses, watch bands, rings, earrings, nipples, shaver head.</p>	<p>Surgical instruments, pliers, handpieces, etc.</p>

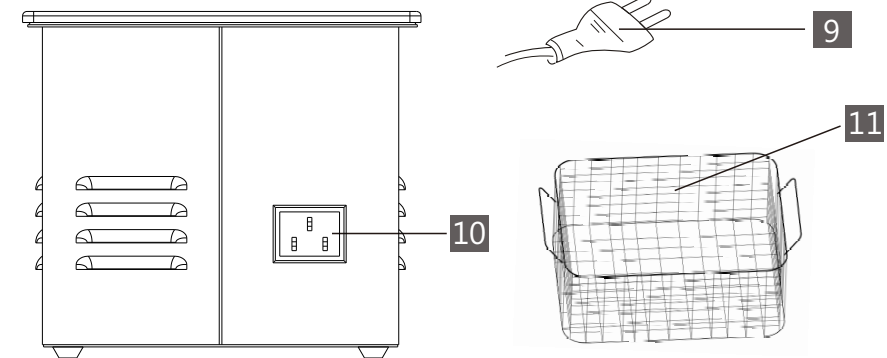
GOLF CLUBS	ELECTRICAL PARTS	LENSES CRYSTALS
		
<p>Golf clubs and golf balls.</p>	<p>Electronic parts and components.</p>	<p>Lenses, crystals.</p>

Digital series (PS-06A)

FEATURES AND ACCESSORIES



FEATURES AND ACCESSORIES

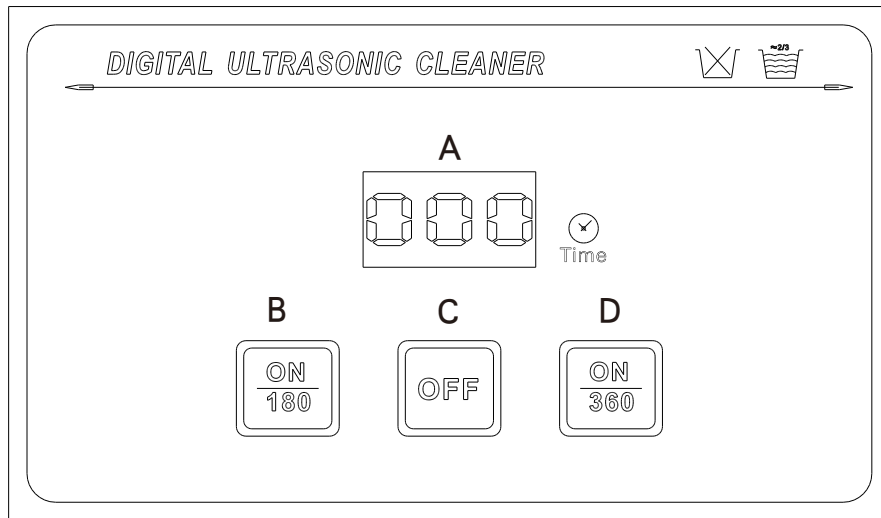
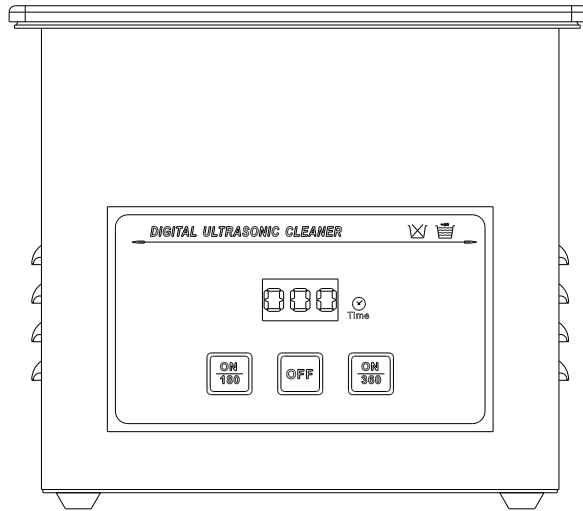


- 1 Lid 2 Stainless steel tank 3 Operation panel 4 Time display window
- 5 180 seconds setting button 6 OFF button 7 360 seconds setting button
- 8 Heat dissipation window 9 Power cord 10 Power connector
- 11 Cleaning basket

SPECIFICATIONS

MODEL	PS-06A
CAPACITY	0.6L
TANK SIZE	150x85x65mm
ULTRASONIC POWER	50W
FREQ	40KHz
TIMER SETTING	180S, 360S

PANEL OPERATION INSTRUCTION



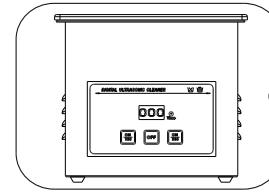
A: Time display window

B: 180 seconds setting button

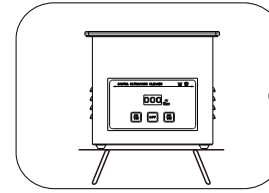
C: OFF button

D: 360 seconds setting button

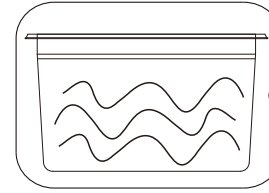
OPERATION GUIDANCE



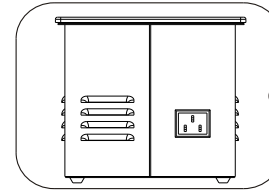
1 Please check if any part in the device is loose before using.



2 Place the device on a stable and flat working platform.

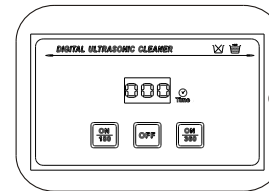


3 Please add enough cleaning fluid (usually water) to the tank, suitable to completely immerse the items to be cleaned and always the fluid level in the tank should be about 2/3 full.

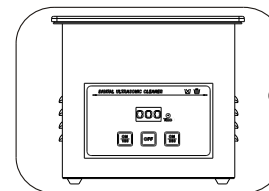


4 Connect the power cord (make sure to use the power cord with safety ground wire).

Setting the timer:



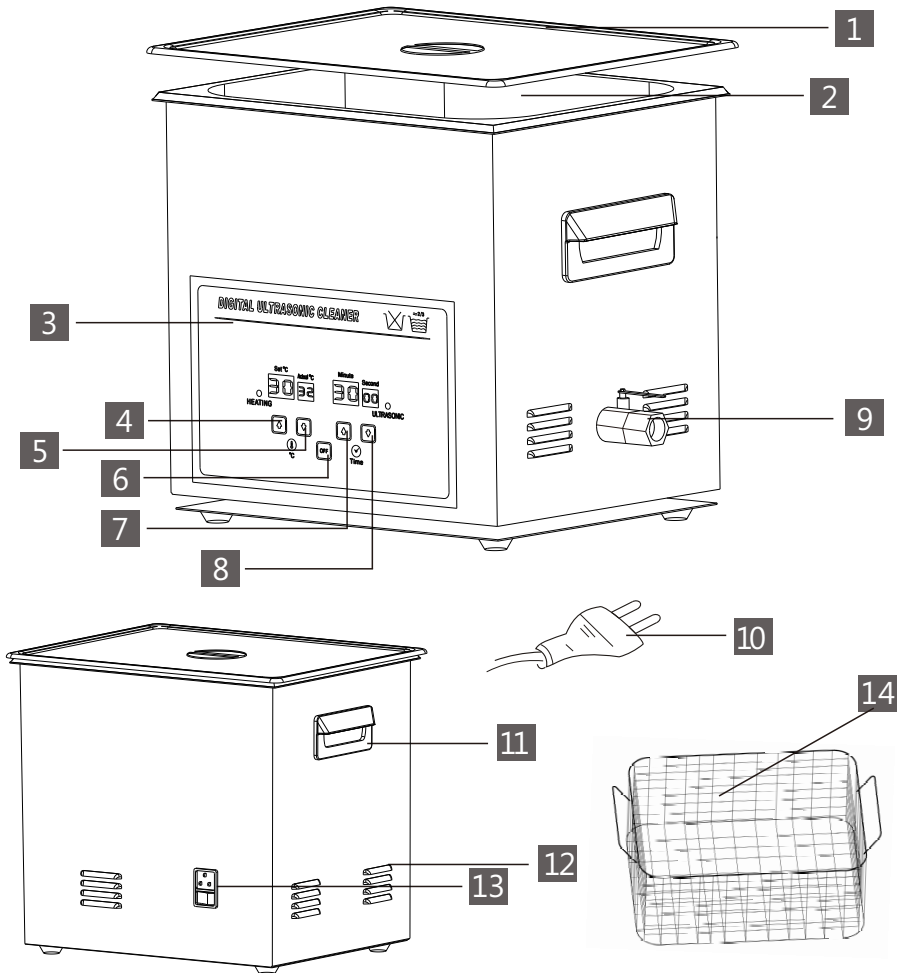
5 When power is connected, the time display window shows "000" and the unit is standby, press "ON-180" or "ON-360", ultrasonic cleaning function begins. Timer will count down to 000 and stops automatically.



6 You can press the "OFF" button during the cleaning process to make the unit stop too. When cleaning is finished, disconnect the unit from the electrical supply.

Digital series

FEATURES AND ACCESSORIES



- 1 Lid 2 Stainless steel tank 3 Operation panel 4 Temperature increasing button
- 5 Temperature decreasing button 6 OFF button 7 Time increasing button
- 8 Time decreasing button 9 Drainage valve 10 Power cord 11 *Handle
- 12 Heat dissipation window 13 *Power connector and power switch
- 14 Cleaning basket

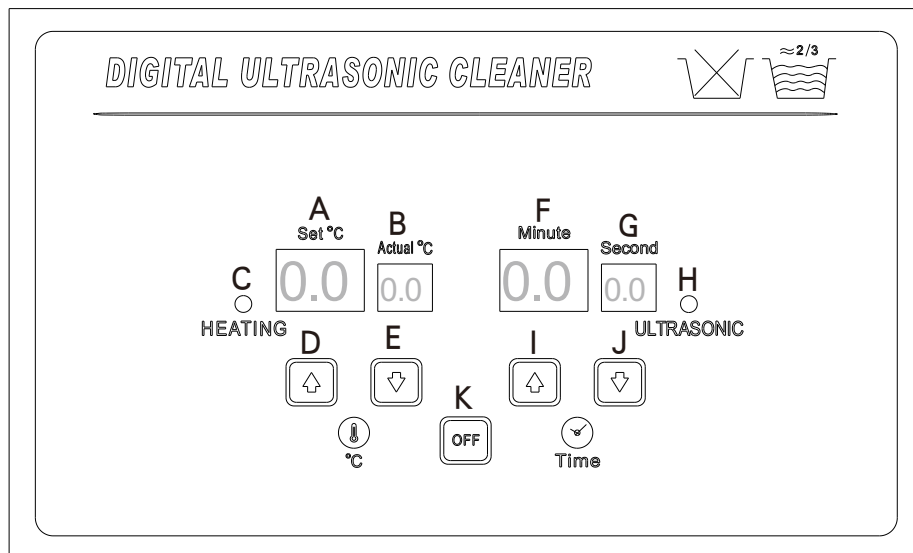
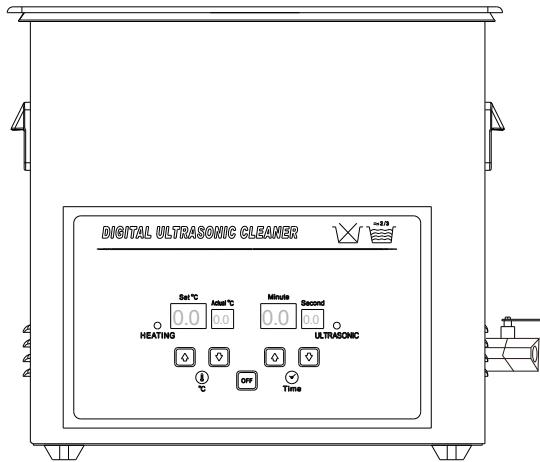
*No handle for model PS-08A, PS-10A

*No power connector and power switch for model PS-80A(110V), PS-100A(110V), PS-120A(110V&220V)

SPECIFICATIONS

MODEL	CAPACITY	TANK SIZE	ULTRASONIC POWER	HEATING POWER	FREQ	TIMER SETTING
PS-08A	1.3L	150x135x65mm	70W	30W	40KHz	1-30mins
PS-10A	2.0L	150x135x100mm	70W	60W	40KHz	1-30mins
PS-20A	3.2L	240x135x100mm	120W	100W	40KHz	1-30mins
PS-G20A	4.8L	240x135x150mm	120W	100W	40KHz	1-30mins
PS-D30A	4.5L	300x150x100mm	180W	200W	40KHz	1-30mins
PS-30A	6.5L	300x150x150mm	180W	200W	40KHz	1-30mins
PS-D40A	7L	300x240x100mm	240W	500W	40KHz	1-30mins
PS-40A	10L	300x240x150mm	240W	500W	40KHz	1-30mins
PS-60A	15L	330x300x150mm	360W	500W	40KHz	1-30mins
PS-G60A	20L	330x300x200mm	360W	500W	40KHz	1-30mins
PS-80A	22L	500x300x150mm	480W	500W	40KHz	1-30mins
PS-100A	30L	500x300x200mm	600W	500W	40KHz	1-30mins
PS-120A	45L	500x300x300mm	720W	1000W	40KHz	1-30mins

PANEL OPERATION INSTRUCTION



A: Setting temperature window

B: Actual temperature window

C: Heating indication light

D: Temperature increasing button

E: Temperature decreasing button

F: "Minute" display window

G: "Second" display window

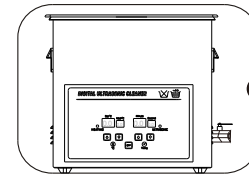
H: Ultrasonic indication light

I: Time increasing button

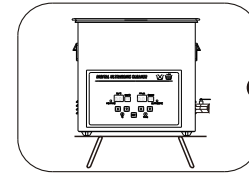
J: Time decreasing button

K: OFF button

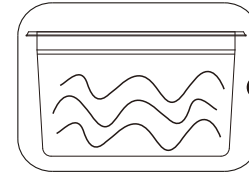
OPERATION GUIDANCE



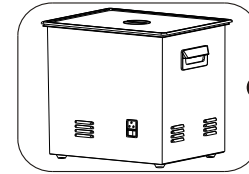
1 Please check if any part in the device is loose before using.



2 Place the device on a stable and flat working platform.



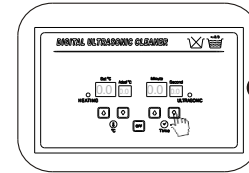
3 Please add enough cleaning fluid (usually water) to the tank, suitable to completely immerse the items to be cleaned and always the fluid level in the tank should be about 2/3 full.



4 Connect the power cord and turn on the power switch on the rear of the unit (make sure to use the power cord with safety ground wire).

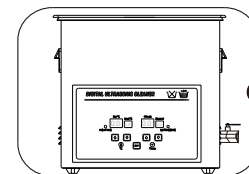
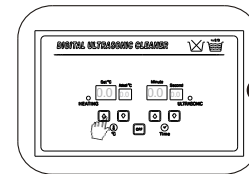
Setting the timer:

When power is connected, time display windows show, "00 00", press "↑" and "↓" to increase or decrease cleaning time (1~30 mins is selectable), ultrasonic cleaning function will be started automatically and the indication light will be on. Timer adjustment can be made while the unit is in operation.



Setting the temperature:

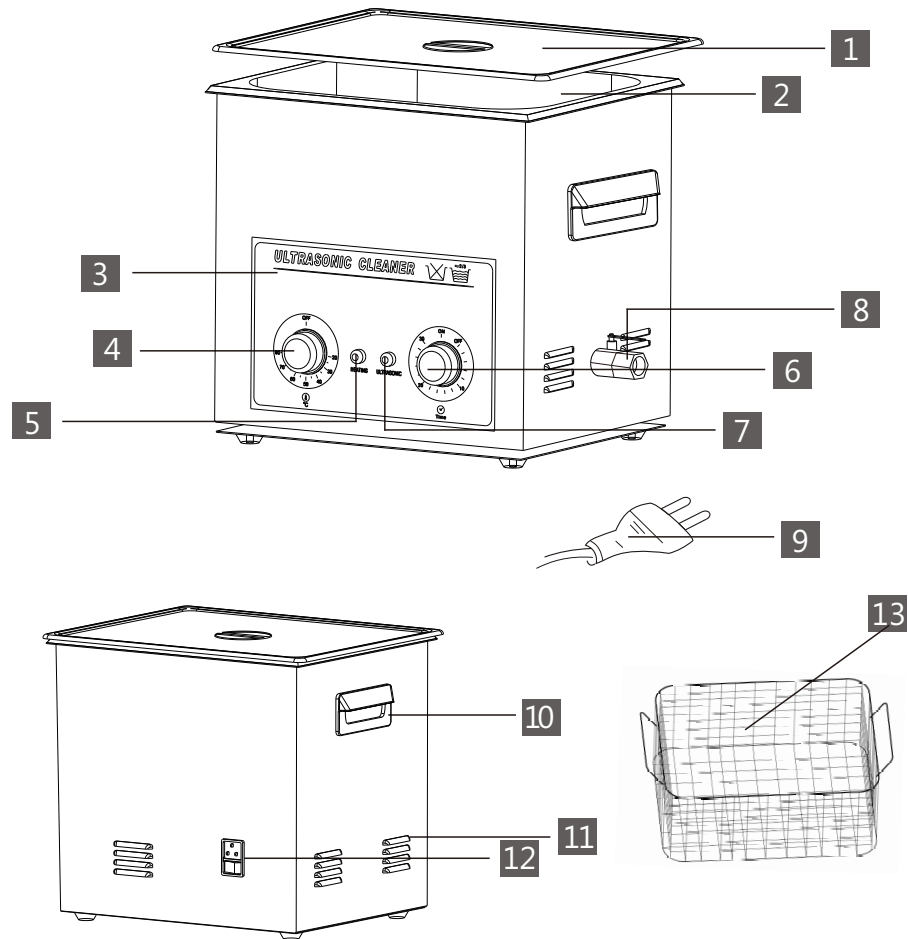
When power is connected, the "Set °C" and "Actual °C" windows showed "00" and current temperature of cleaning fluid, Press the "↑" and "↓" to increase or decrease temperature. (if the setting temperature is higher than the actual cleaning fluid temperature, the heating indication light will be on; if the cleaning fluid temperature reach to the setting temperature, the heating process stops automatically and the heating indication light goes off), While heating is occurring, the "Set °C" window shows the setting temperature and the "Actual °C" display shows the current cleaning fluid temperature. Ambient ~80°C is selectable, but 40°C~60°C is advisable.



7 You can press the "OFF" button during the cleaning process to make the unit stop too (heating and ultrasonic are stopped together). When cleaning is finished, turn off the power switch on the rear of unit and disconnect the unit from the electrical supply.

Mechanical series

FEATURES AND ACCESSORIES



- 1 Lid
- 2 Stainless steel tank
- 3 Operation panel
- 4 Temperature controller knob
- 5 Heating indication light
- 6 Ultrasonic timer knob
- 7 Ultrasonic indication light
- 8 Drain valve
- 9 Power cord
- 10 *Handle
- 11 Heat dissipation window
- 12 *Power connector and power switch
- 13 Cleaning basket

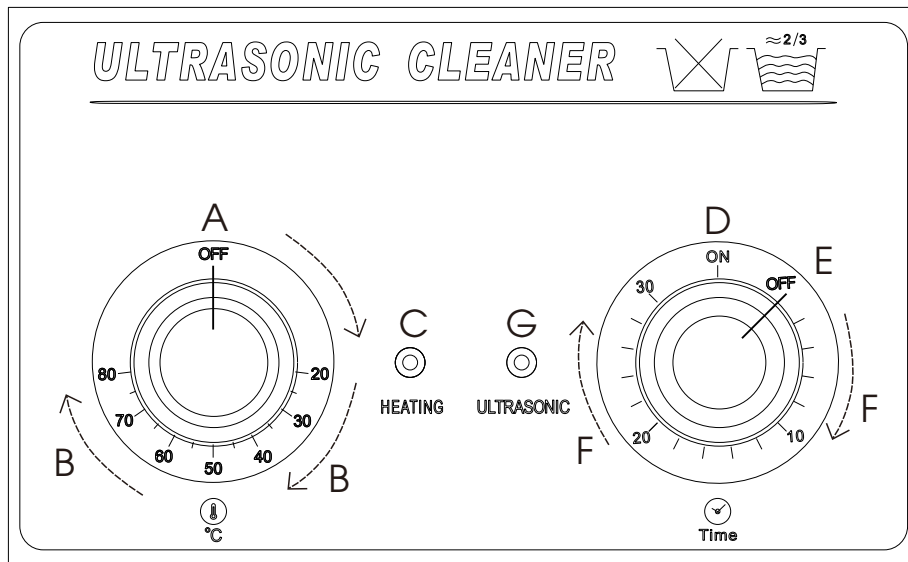
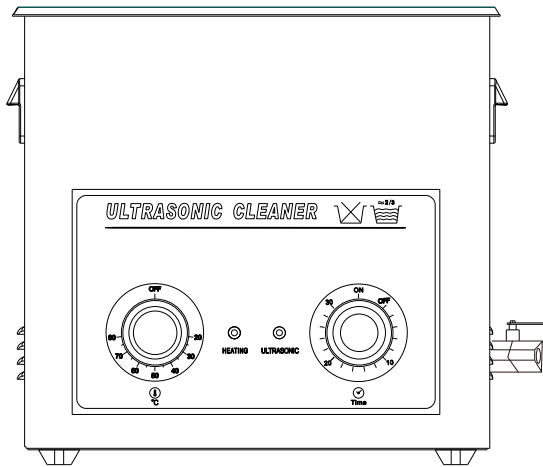
*No handle for model PS-08, PS-10

*No power connector and power switch for model PS-80(110V), PS-100(110V), PS-120(110V&220V)

SPECIFICATIONS

MODEL	CAPACITY	TANK SIZE	ULTRASONIC POWER	HEATING POWER	FREQ	TIMER SETTING
PS-08	1.3L	150x135x65mm	70W	30W	40KHz	1-30mins
PS-10	2.0L	150x135x100mm	70W	60W	40KHz	1-30mins
PS-20	3.2L	240x135x100mm	120W	100W	40KHz	1-30mins
PS-G20	4.8L	240x135x150mm	120W	100W	40KHz	1-30mins
PS-D30	4.5L	300x150x100mm	180W	200W	40KHz	1-30mins
PS-30	6.5L	300x150x150mm	180W	200W	40KHz	1-30mins
PS-D40	7L	300x240x100mm	240W	500W	40KHz	1-30mins
PS-40	10L	300x240x150mm	240W	500W	40KHz	1-30mins
PS-60	15L	330x300x150mm	360W	500W	40KHz	1-30mins
PS-G60	20L	330x300x200mm	360W	500W	40KHz	1-30mins
PS-80	22L	500x300x150mm	480W	500W	40KHz	1-30mins
PS-100	30L	500x300x200mm	600W	500W	40KHz	1-30mins
PS-120	45L	500x300x300mm	720W	1000W	40KHz	1-30mins

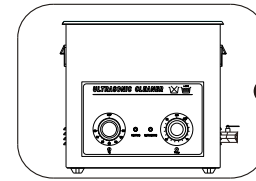
PANEL OPERATION INSTRUCTIONS



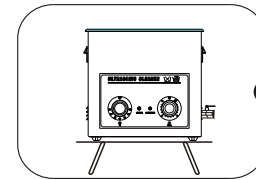
- A: Turn off the heating function
- B: Heating temperature setting (Ambient~80°C is selectable)
- C: Heating indication light

- D: Stay "ON" mode for ultrasonic power
- E: Turn off the ultrasonic power
- F: Ultrasonic time setting (1~30 mins is selectable)
- G: Ultrasonic indication light

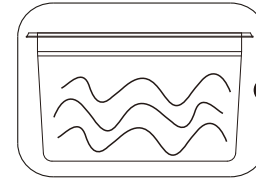
OPERATION GUIDANCE



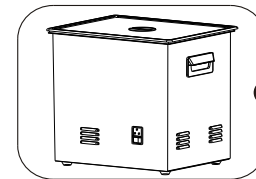
- 1 Please check if any part in the device is loose before using.



- 2 Place the device on a stable and flat working platform.

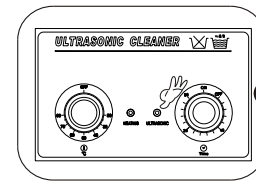


- 3 Please add enough cleaning fluid (usually water) to the tank, suitable to completely immerse the items to be cleaned and always the fluid level in the tank should be about 2/3 full.



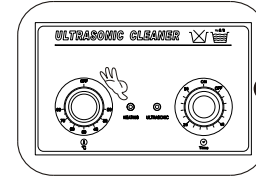
- 4 Connect the power cord and turn on the power switch on the rear of the unit (make sure to use the power cord with safety ground wire).

Setting the timer:

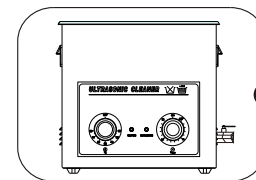


- 5 Rotate "Time" knob to turn on the "Ultrasonic" function, 1~30 mins is selectable. Once the timer is set, the ultrasonic cleaning function will be started automatically and indication light will be on, you can hear the voice of "zizi", it means the unit is working normally; also you can contrarotate the knob to the "ON" position, it is "stay on" model and won't stop unless rotate the knob to "OFF" position.

Setting the temperature:



- 6 Rotate the "Temp" knob to turn on the "Heating" function (if the setting temperature is higher than the actual cleaning fluid temperature, the heating is occurring and heating indication light will be on; if the cleaning fluid temperature reach to the setting temperature, the heating process stops automatically and the heating indication light goes off). Ambient~80°C is selectable, but 40°C~60°C is advisable.



- 7 You can rotate the "Time" knob & "Temp" knob to "OFF" position during the cleaning process to make the ultrasonic and heating stop separately. When cleaning is finished, turn off the power switch on the rear of unit and disconnect the unit from the electrical supply.