

# *User Guide of Ultrasonic Cleaner*

## *Digital Heated CDH Series*

Check the Specification details to make sure correct operation requirement, specially the voltage (Specification label on the back side of the machine).

Before connecting power, put the unit on a stable and flat working surface. Add water/liquid into tank, suitable to completely immerse the items to be cleaned. Using stainless steel basket is recommended.

### **Specification table of Digital Heated models with different size of tank**

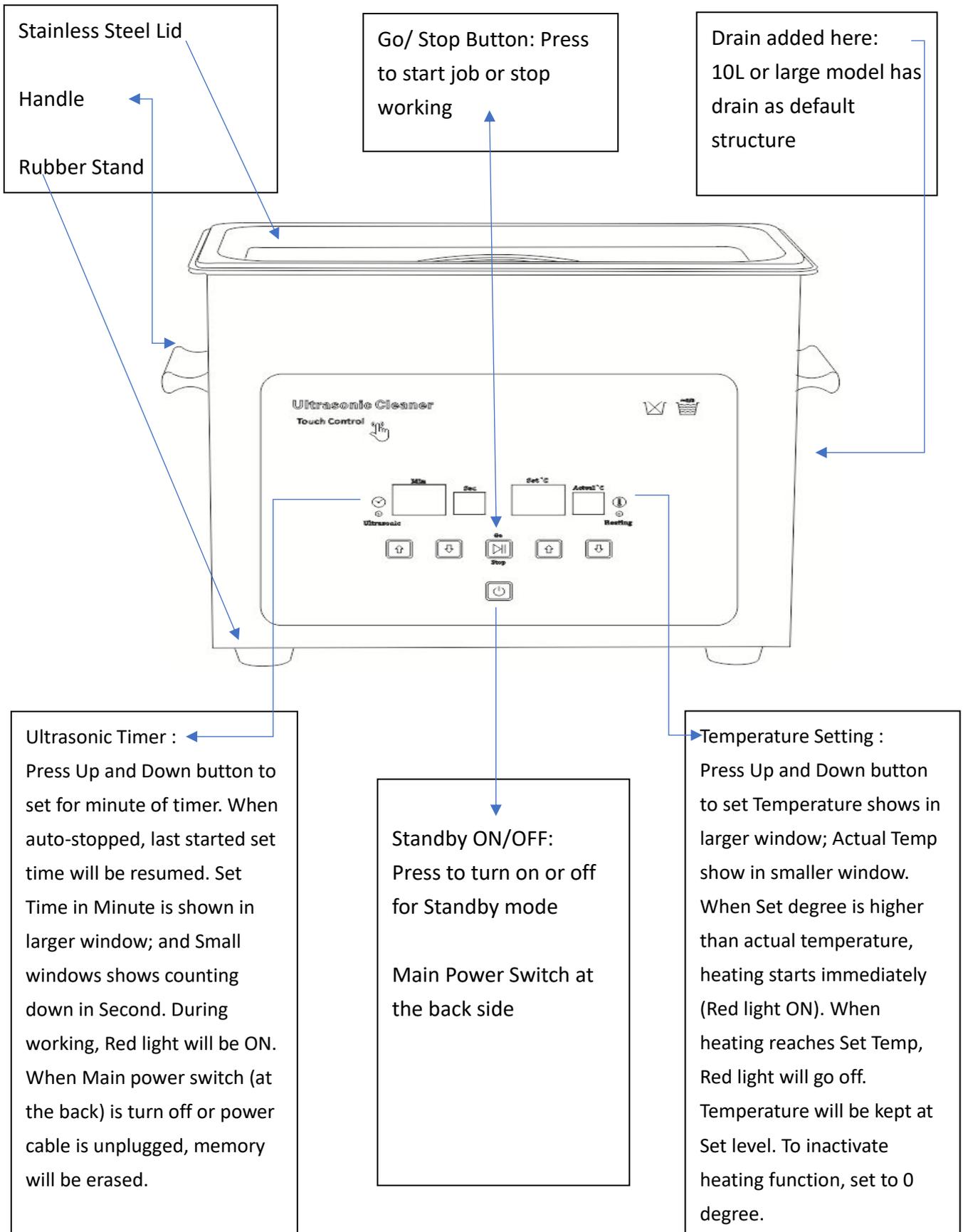
Model Tank Size	0.7L	1.2L	2L	2L	2.5L	3L	4L	4.5L	6L	10L	13L	15L	20L	28L
Length internal(mm)	150	150	150	240	150	240	300	240	300	300	300	330	500	500
Width internal (mm)	87	138	138	138	138	138	150	138	150	240	240	300	300	300
Depth Internal (mm)	65	65	100	65	150	100	100	150	150	150	200	150	150	200
Transducer (50watt)/pc	1	1	1	1-2	1-2	1-3	2-4	1-3	2-4	2-8	4-10	4-12	6-16	6-16
Handle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Drain	X	Op	Op	Op	Op	Op	Op	Op	Op	✓	✓	✓	✓	✓
Voltage	110-120V or 220-240V													
Power Consumption	From minimum 150watt to maximum 2000watt													
US Frequency	40kHz as default , 38kHz (60watt) or 28K (80watt) are optional choice													
Digital Timer	0-30 min as default / 0-60 or 0-90 min as option choice													
Heat Setting	0-80°C as default													
Common Parts included	Power Cord, Stainless steel lid, User Guide													

### **Suggestion of Cleaning levels**

- 1) General Cleaning – use only plain water with warm temperature about 50°C
- 2) Enhanced Cleaning- add few drops standard washing up liquid soap, detergent or other non-acidic based cleaning agents, with temperature about 50°C
- 3) Extensive Cleaning- Removing Tarnish, Carbon & Rust from non-plated metals, specialist cleaning solution is recommended to use associated with ultrasonic cleaner
- 4) Warning: Strong Acid or Alkaline cleaning solution will cause corrosion, rust and even puncture of tank or machine body. Machine with high-resistance tank (SUS316) can be custom-made.

# Ultrasonic Cleaner

## Digital Touch Control Panel Illustration, Structure diagram and Operation Instruction



**Ultrasonic Timer :**  
 Press Up and Down button to set for minute of timer. When auto-stopped, last started set time will be resumed. Set Time in Minute is shown in larger window; and Small windows shows counting down in Second. During working, Red light will be ON. When Main power switch (at the back) is turn off or power cable is unplugged, memory will be erased.

**Standby ON/OFF:**  
 Press to turn on or off for Standby mode

**Main Power Switch at the back side**

**Temperature Setting :**  
 Press Up and Down button to set Temperature shows in larger window; Actual Temp show in smaller window. When Set degree is higher than actual temperature, heating starts immediately (Red light ON). When heating reaches Set Temp, Red light will go off. Temperature will be kept at Set level. To inactivate heating function, set to 0 degree.