

# Thermostatic Water Bath

YCW-Series



## Specifications (34 Liter is also available upon request) :

Model	YCW-01 (22 L.)	YCW-010	YCW-03S	YCW-05
	YCW-04M (11 L.)	YCW-010E (w/ Timer)		(option: microprocessor)
Temperature control	Analog	Microprocessor, PID	Microprocessor, PID	Analog
Overall dimension (±10mm)	535 x 335 x 280mm 335 x 275 x 280mm	535x335x335mm (22L.) 335x375x335mm (11L.)	535 x 335 x 350 mm	275 x 170 x 325 mm
Weight approx. (±0.5kg)	9.5/6.5 kg (22 /11L.)	11.5 / 8.5kg (22L/11L.)	11.5kg	5.4kg
Temperature readout	Thermometer	LED digital	LED digital	Thermometer
Temperature preset	NA	NA	25°/ 37°/ 56°C	NA
Temperature range	Ambient +5°~90°C	Ambient +5°~99.9°C	Ambient +5°~99.9°C	Ambient +5°~99.9°C
Temp uniformity	±0.1°C	±0.1°C (34L:±0.5°C)	±0.1°C	±0.1°C
Temp accuracy	±0.2°C	±0.2°C (34L:±0.5°C)	±0.2°C	±0.2°C
Water circulation	Yes, stirrer	Yes, stirrer	Yes, stirrer	Yes, stirrer
Heating element	1000W	1000W	1000W	500W
Timer (YCW-010E)	NA	Digital 99 hr.59 min.	NA	NA
Overheating & low-water level shutout	Yes	Yes	Yes	Yes
Power source	115/ 230V, 50/60Hz	115/ 230V, 50/60Hz	115/ 230V, 50/60Hz	115/ 230V, 50/60Hz
Standards	ISO, CE, GMP, FDA	ISO,CE,GMP,FDA	ISO,CE,GMP,FDA	ISO,CE,GMP,FDA

- All measurements are approximated and specifications is subject to change without advanced notice.
- **34 L.:** Overall Dimension: 685x450x380mm, 18.5kg
- Bath Dimension: 11L: 300 x 240 x 150mm; 22L: 500 x 295 x 155mm; 34L: 585 x 395 x 150mm
- Optional **Drain** valve and perforated tray for extra cost to meet your requirement.

## Features :

- Providing a desired test through a thermostatic temperature with ambient to 99.9°C to 100°C. ideal for biological, clinical research, medical, bio-chemical, industry and education laboratory.
- Molded bath with round corners and seamless stainless steel sides ensure efficient circulation and easy cleaning
- Equipped with immersion heating element sheathed with stainless steel, corrosion free.
- Improve temperature uniformity by rotating water stirrer to direct flow to various areas of the bath.
- Optional concentric rings cover minimizes heat loss when you suspend flasks or other vessels in the bath.
- **YCW-01, YCW-010E** comes with safety devices of microprocessor-based digital controller. Audible & visible alarm is activated and shut out power to 2°C above the set point. Timer starts when the temperature has been stabilized.
- **YCW-010E** functions alarm and the display with "END" after the completion of the operation cycle.
- **YCW-01, YCW-04M** are the most practical and economic models, but with excellent performance. Pilot lamp indicates the heater is energized and stabilized. Comes with mercury thermometer for direct readout
- **YCW-05** contains analog control or microprocessor-controlled system, which is for choice when cost is critical.

### Optional accessories (Flat cover with rings)

Rings of inner diameter: 107, 80, 55, 31.5, 21mm  
(5 openings for 22 liters and 2 openings for 11 liters)



Tube Rack (13 or 18mm)

