



Circulating Bath (Cooling and Heating)



Provided for precise and constant temperature and auxiliary heating in colleges industrial and mining enterprises and scientific research departments.

Features

- Microprocessor temperature controller with LCD screen ensures precise and reliable control, easy to operate.
- No angle in bath chamber, easy to clean.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.
- R134a refrigerant.
- With interface to external water bath.
- Easy to set adjustable timer. (1 minute to 5,999 minutes)
- Maintenance-free operation with easy to clean surface.
- Both heater and bath chamber are made of corrosion-resistant stainless steel.
- Drain valve makes emptying of bath water fast and easy for cleaning and moving.

Safety

- Audible and visible alarm for temperature and water level.
- Heater alarm, sensor alarm, upper and lower temperature alarm.
- Preset On/Off function.
- Built-in power interruption protection function, automatic run after power interruption.
- Temperature deviation alarm.
- Over current protection alarm.

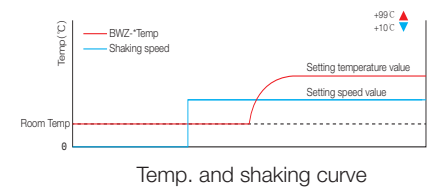
Option

- Available RS-485 or USB ports for data collection.

Specification

Model	KP-05L	KP-05A	KP-05B	KP-13L	KP-13A	KP-13B
Temperature range	-10 – 100℃	-20 – 100℃	-40 – 100℃	-10 – 100℃	-20 – 100℃	-40 – 100℃
Precision	±0.2					
Liquid tank opening/depth (mm)	150×160/150	150×160/150	150×160/150	240×170/200	240×170/200	240×170/200
Chamber volume	4.5L	4.5L	4.5L	13L	13L	13L
Power requirements	AC220V 50HZ					
Pump (flux)	8L/min	8L/min	8L/min	8L/min	8L/min	8L/min
Power consumption	2300W	2300W	3150W	2300W	2300W	3100W

Shaking Water Bath



Widely applicable for laboratory researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissues research, which have a high requirement on precision of shaking speed and temperature.

Features

- Microprocessor temperature controller with LCD screen ensures precise and reliable control, easy to operate.
- Both heater and bath chamber are made of corrosion-resistant stainless steel.
- No angle in bath chamber, easy to clean.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.
- Easy to set adjustable timer. (1 minute to 5,999 minutes)
- Maintenance-free operation with easy to clean surface.
- Drain valve makes emptying of bath water fast and easy for cleaning and moving.

Safety

- Audible and visible alarm for temperature and water level.
- Heater alarm, sensor alarm, upper and lower temperature alarm.
- Preset On/Off function.
- Built-in power interruption protection function, automatic run after power interruption.
- Temperature deviation alarm.
- Over current protection alarm.

Option

- Available RS-485 or USB ports for data collection.

Specification

Model	KWZ-10	KWZ-30
Temperature range	RT+5 – 99℃	
Display resolution	0.1℃	
Temperature uniformity (at 37℃)	±1℃	
Shaking speed range	30 – 180 rpm	
Amplitude	30mm (Standard) or 40mm (Option)	
Interior dimension W×D×H(mm)	438×310×250	618×310×250
Exterior dimension W×D×H(mm)	643×350×353	823×350×355
Chamber volume	33L	47L
Power requirements	AC220V 50HZ	
Power consumption	1250W	1650W