

WATER BATH



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A water bath is a piece of laboratory equipment used to incubate samples at a constant temperature for an extended period. It involves placing a container of the sample (like a test tube or flask) in a larger vessel filled with hot water, providing gentle, uniform heating. This method is preferred for heating flammable chemicals as it avoids direct contact with an open flame

FEATURES:

1. They are designed to maintain a steady temperature, typically with a digital or analog interface for precise temperature setting and control.
2. Water baths can operate over a wide range, typically from ambient temperatures to around 100°C, but some models can handle even lower temperatures.
3. Water baths are preferred for heating flammable chemicals due to the lack of open flame, minimizing the risk of ignition.
4. water baths are made with stainless steel, providing durability and easy cleaning.
5. They often come with accessories like racks for holding samples, which can be made of stainless steel.
6. Measuring temperature: display on the three, Cold rolling steel electrostatic spraying exterior.

TECHNICAL PARAMETERS



MODEL		BI-WH 21.420AII	BI-WB 21.420AII	BI-WB 21.600AII	BI-WB- 21.600AII
Function	Tem. Range	RT+ 5 ~ 65°C	RT+ 5 ~ 100°C	RT+ 5 ~ 65°C	RT+ 5 ~ 100°C
	Tem. Resolution Ratio	0.1°C			
	Tem. Motion	±0.5°C			
	Tem. Uniformity ±	±1.0°C			
Structure	Inner Chamber	High quality hairline stainless steel plate			
	Outer Shell	Cold rolling steel electrostatic spraying exterior			
	Cover	High quality hairline stainless steel plate			
	Cover circle	Without	With	Without	With
	Test tube rack	Without	With	Without	With
Controller	Heater	Stainless steel heating tube			
	Power Rating	0.5kW	1kW	0.75kW	2kW
	Tem. control mode	PID			
	Tem. setting mode	Touch button setting			
	Tem. display	Measuring temperature: display on the three			
	mode	digital tubes upper row ; setting			
		temperature: display on the lower row			
	Timer	0 ~ 9999min (with timing wait function)			
	Operation function	Fixed temperature operation,			
		timing function, auto stop.			

Controller	Program function	No			
	Additional function	Deviation correction、 Menu key lock、			
		Power-off compensation、 Power failure memory			
	Sensor	CU50			
Safety device		Over temperature alarm			
Specification	Sink size	420*180*140		600*300*200	
	(W*L*H)				
	(mm)				
	Exterior size	570*230*270		750*350*360	
	(W*L*H)				
	(mm)				
	Packing size	670*320*335		860*460*380	
	(W*L*H)				
	(mm)				
	Volume	11L		36L	
	Supply (50/60Hz) Current rating	AC220V/ 2.3A	AC220V/ 4.5A	AC220V/ 6.8A	AC220V/ 9.1A
	NW/GW (kg)	8/9.5	8.5/10	17/19	18/20
Optional accessories		No			