

WATER BATH HIGH PRECISION

WITH STIRRER THE PLT - 110 SERIES

APPLICATIONS

- High precision water bath is a versatile equipment to handle highest level of performance, flexibility and control for most demanding applications.
- High precision water bath is best options for Biotechnology, Clinical, Environmental, Medical, Petroleum, Pharmaceutical or Industrial Applications.

SALIENT FEATURES & CONSTRUCTION

- Double walled construction.
- Inner Tank and lid made of Stainless Steel (SS-304 grade).
- Outer chamber is made of Mild Steel duly powder coated.
- Flat Stainless Steel Lid prevents Evaporation.
- Heating by immersion heaters.
- Fitted with glass window one side to see samples placed in bath.
- Temperature range up to 95°C.
- Controls temperature within an accuracy of $\pm 0.1^{\circ}\text{C}$.
- Microprocessor Based PID Digital Temperature Indicator-cum-Controller maintains maximum temperature accuracy.
- Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & stainless steel tank.
- Fitted with drain plug for easy cleaning.
- The unit is supplied with stirring arrangement.
- The stirring arrangement consists of a FHP motor with SS stirring shaft for continuous stirring and thus maintaining a uniform temperature throughout.
- Speed regulator is provided on the front panel to control the stirrer
- To work on 220/230 Volt AC supply.



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION:

Model No.	WBP1	WBP2
Internal Dimensions (L X W X D)	430 x 240 x 265mm	280 x 360 x 380mm
Approx. Capacity	26 Ltr.	29 Ltr.
Top Lid	Stainless Steel	
Heating Load	1.5KW (1.0KW+0.5KW)	
Temperature Range	ambient +5°C to 95°C	
Temperature Control	By Microprocessor based PID digital temperature indicator-cum-controller	
Temperature Accuracy	±0.1°C	
Temperature Sensor	RTD (Pt-100)	
Temperature Display	LED display for set value (SV) & process value (PV)	
Stirring Arrangement	By F. H. P. stirrer fitted with stainless steel shaft & Blades	
Stirring Speed	Can be regulated by speed regulator.	
Diffuser Shelf	Heater protective perforated cover made of stainless steel	

OPTIONAL FEATURES

Controlling of Temperature	By Profile (Micro Program mable Controller)
Audio Alarm System	Activates at end of cycle Buzzer.
Timer Facility	Can be in built with Digital Electronic Timer
Communication Port	with interface and data cable to download data to your PC

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