

HIGH PRECISION WATER BATH

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.

KEY FEATURES

- 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 ambient above +5 °C to 99 °C.
- Controls temperature within an accuracy of ± 0.5 °C. or better 1 °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 MATRIX

Model No.	PTE-117 HPW A	PTE-117 HPW B
Internal Size(LxWxD)	430x 240x 265mm	350x 240 x265mm
Approx. Capacity	26 Ltr.	22 Ltr.
Top Lid	Stainless Steel	
Heating Load	1.5 KW	
Temperate Range	ambient above +5° C to 99° C	
Temperature Control	By Microprocessor based PID Digital temperature indicator-cum controller	
Temperature Accuracy	± 1° C or better 0.5° C	
Temperature Sensor	RTD (Pt-100)	
Temperate 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	
Supply	220/230 V 50Hz	

OPTIONAL - ADD ONS

Timer Facility : Can be in built with Digital Electronic Timer

Stirrer Motor : For Uniform Circulation