

REFRIGERATED WATER BATH (WITH CIRCULATION SYSTEM)

THE PLT - 115 SERIES

APPLICATIONS

- The unit serves the dual purpose i. e. it can be used as a stand alone unit. As well as, a part or subsystem of some bigger system. Temperature Range 5°C to 90°C controlled by Microprocessor based Digital Temperature Controller cum Indicator.
- The Unit is ideal for external temperature control applications to external systems such as Rotary Vacuum Evaporators, Refractometers, Polarimeters, Fermenters, Electrophoresis Chamber, Chromatography Columns, Condensers, Rheometers, and general laboratory cooling applications.



SALIENT FEATURES & CONSTRUCTION

- A compact refrigerated/heating circulator.
- Double walled construction.
- Inner Tank made of Stainless Steel (SS-304 grade).
- Outer chamber is made of Mild Steel duly powder coated.
- Heating by immersion heaters
- Cooling by sturdy refrigeration unit done by ISI mark compressor / Condensing Units CFC free & R-134 a eco friendly refrigerant.
- Temperature range 5°C to 90°C.
- Controls temperature within an accuracy of $\pm 1^\circ\text{C}$ by microprocessor based digital temperature indicator cum controller.
- Temperature stability is maintained by internal circulation in bath
- Thermal loss is prevented by filling PUF (Insulation) in space between the outer body & stainless steel tank.
- Low noise level.
- To work on 220/230V AC supply.

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

Model No.	RWB 1	RWB 2
Internal Dimensions (L X W X D)	250 x 250 x 250mm	500 x 250 x 250mm
Approx. Capacity	17 Ltr.	32 Ltr.
Approx. Heating Load	2.0 KW	2.5 KW
Top Lid	Double walled insulated	
Temperature indicator cum controller	Controlled by microprocessor based digital temperature	
Temperature Range	5°C to 90°C	
Temperature Accuracy	$\pm 1^\circ\text{C}$	
Temperature Display	Digital LED with set value (SV) & process value (PV)	
Temperature Sensor	RTD (PT-100)	

OPTIONAL FEATURES

Temperature control by	By profile (Micro Programmable) controller.
Communication Port	With interface and data cable to download data to your PC
Voltage Stabilizer	Servo or Automatic Stabilizer to regulate in coming voltage