

TSL

Scientific Instrument Private Limited

WATER BATH RECTANGULAR (DOUBLE WALLED) WATER BATH REFRIGERATED



• APPLICATION

- User's Self-compensation function to control difference between real temperature and indicated temperature.
- Stainless steel bath for superior Durability & High Thermal efficiency.
- Flat Stainless Steel Lid with Concentric rings prevents evaporation.
- Industrial grade energy efficient heaters reduces power bills drastically.

• CONSTRUCTIONS

- Double walled construction.
- Space between the walls is filled with special grade mineral wool in order to avoid thermal losses.
- Drain plug is also fitted to the unit for user convenience.
- The unit can be supplied with or without stirring arrangement.
- The stirring arrangement consists of a FHP motor with SS stirring shaft.
- MOC (Inner): Inner bath chamber and lid made of Stainless Steel (SS-304 grade).
- MOC (Outer): Outer chamber is made of M.S. sheet duly powder coated.
- Concentric rings can be removed to accommodate containers of various sizes.
- To work on 220/230 AC supply.

WATER BATH RECTANGULAR (DOUBLE WALLED) WITH MICROPROCESSOR BASED DIGITAL TEMPERATURE INDICATOR-CUM-CONTROLLER		
MODEL	TSL-WB-1	TSL-WB-2
Internal Dimensions (WDXH)	300x250x100 mm	355x405x100 mm
No. of Holes	6 Holes of 75 mm Dia	12 Holes of 75 mm Dia
Capacity	8 ltrs	15 ltrs
Heating Load	1.0 KW	2.0 KW
Temperature Range	From ambient to 100°C	
Temperature Controller	Microprocessor Based PID Digital Temperature Indicator-cum-Controller	
	OR	
	MICROPROCESSOR BASED SEMI AUTOMATIC PID DIGITAL TEMPERATURE INDICATOR-CUM-CONTROLLER with an in-built DIGITAL TIMER to control the temperature for Ambient +5oC to 100oC. Once the unit is switched 'ON' heating starts automatically and once the set/desired value is achieved the in built AUTOMATIC DIGITAL MINUTE TIMER starts automatically. Once this set time period is over the heaters are switched "OFF" automatically and the unit sounds a BUZZER, thus alerting the user that process is complete.	
Temperature Accuracy	+0.5 oC	
Temperature Sensor	RTD (Pt-100)	
Temperature Display	With Digital LED Display for Set Value (SV) & Process Value (PV)	
Stirring Device (OPTION)	Available with or without stirring arrangement with the help of FHP stirrer (as Ordered)	
Diffuser Shelf	Heater protective perforated cover made of stainless Steel	
Regulator	Solid state electronic relay with protective heat sink.	

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Corp Off: Plot No.150, Khasra No.150, C-3 Devli Road New Basti, Devli New Delhi-110062
 Mobile: 91 9312219958
 Email: tsl.inst@gmail.com
 Website: tslscientificinst.com

ISO 9001:2015

IEC 61010-1/ IEC 61326-1 Electrical Equipment Package & 2006/95/EC Low

Customize able as per customer requirement