

## DIGITAL WATER BATH FOR CIRCULATION



### MODEL Number – SLE DWB-001

SUN LAB makes Circulation water bath This unit is design to meet heating tests or boiling of samples in water. It is double walled in construction. Inner chamber is made up of stainless steel with mirror polish. Outer body is made up of mild steel with epoxy powder coat finish. It is lagged with high grade glass wool insulation to minimize the heat loss. Stainless Steel made tubular immersion type heating element is provided for heating.

- High quality RTD – P.T – 100 Sensor is provided for better accuracy and best result.
- Front mounted control panel is equipped with all necessary controlling and safety devices with corresponding indicators for easy access.
- Stainless Steel made perforated platform is provided to cover the heating element and to avoid direct contact of user with heater.
- Side mounted ball Valve cock is provided for Drain of water.
- It is lagged with high grade glass wool insulation to minimize the heat loss.
- Stainless Steel made tubular immersion type heating element is provided for heating.
- It is controlled by an electrically operated PID based digital temperature display cum controller within built settable Timer.

Equipped with CFC free refrigerants and air-cooled compressors, the instrument performs conditioning procedures required in various industries. The Humidity Chamber comes with aerodynamically shaped fans for maintaining heating, cooling, humidification and dehumidification efficiency and provides environmental simulations.

### Key Specifications:

Construction	Double walled
Inner Chamber	Made up of stainless steel with mirror polish
Outer body	Made up of mild steel with epoxy powder coat finish
Insulation	High grade glass wool insulation to minimize the heat loss
Working size	12 x 10 x 8 inches
Temp. range	+ 5.0 deg C above ambient to + 99.9 deg C
Control	PID based digital temperature controller within built tailor-made settable timer.
Display	LED digital
Power Supply	1 Phase 230 Volts Ac 50 Hertz

### Highlights:

Resolution	0.1 deg C
Control Accuracy	0.1 deg C
Uniformity	+ / - 1.0 deg C
Input	RTD – P.T – 100 Sensors
Output	Solid State Relay
Solid State Relay	3 – 32 Volt DC input & 16 Amperes 1 phase 230 Volts Ac output
Heater	Stainless Steel made long lasting immersion type tubular heating element
Control Panel	Front mounted control panel with safety devices with corresponding indicators

### Optional Features -

- Glass fuse, heat Sink for Solid State Relay.
- Perforated Stainless Steel made Platform for heater to avoid direct contact with element
- In built Timer with corresponding indication & alarm acknowledgement.
- Caster wheel for easy mobility.

### some of our esteem clients....

Thank you customers for choosing us as your partners in growth !



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### Some of our Key LAB PRODUCTS:

					
Humidity Oven	Autoclave	Muffle Furnace	Vacuum Oven	Constant Temp Bath	BOD Incubator

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