



Circulating Water Bath

Our circulating water bath is the perfect solution for various applications requiring precise temperature control. Whether you need to perform biological, chemical, or industrial processes, this versatile equipment ensures consistent and accurate temperature settings to meet your specific requirements.

With its robust construction and advanced features, our circulating water bath guarantees optimal performance and long-lasting durability. The user-friendly interface allows for effortless temperature adjustments and monitoring, ensuring a seamless and efficient workflow.

In summary, our circulating water bath with a temperature range of ambient +5 degrees Celsius to 100 degrees Celsius and a capacity of 20 Liters is a reliable and versatile solution for your temperature-controlled applications. Experience precise temperature control, excellent performance, and enhanced productivity with this state-of-the-art equipment.





Features

- **Wide Temperature Range:** The water bath provides a broad temperature range, allowing you to perform experiments and maintain precise temperature control from ambient +5 degrees Celsius up to 100 degrees Celsius.
- **Large Capacity:** With a spacious 20-liter capacity, this water bath can accommodate a substantial volume of samples, making it ideal for various applications, including sample incubation, culturing, and chemical reactions.
- **Precise Temperature Control:** The advanced temperature control technology ensures accurate and stable temperature regulation throughout the bath. It eliminates temperature fluctuations, providing a consistent environment for your samples and ensuring reliable experimental results.
- **Uniform Temperature Distribution:** The water bath's design promotes uniform temperature distribution, minimizing temperature variations across the bath chamber. This ensures that your samples experience consistent conditions, reducing the risk of experimental errors and yielding reliable and reproducible results.
- **Microcontroller-Based PID Control:** The Water Bath is equipped with a state-of-the-art microcontroller-based PID control system. This advanced technology ensures exceptional temperature stability and accuracy by continuously monitoring and adjusting the heating element, minimizing temperature fluctuations during your experiments.
- **Versatile Applications:** The wide temperature range and large capacity make this water bath suitable for a diverse range of applications. It can be used in various fields, including research, pharmaceuticals, chemistry, and more, accommodating different sample types and experimental requirements.
- **Compact Design:** Despite its generous capacity, the water bath features a compact design, optimizing space utilization in your laboratory. It can easily fit on a benchtop or within a fume hood, maximizing your workspace efficiency.



Technical Specifications: -

- Microcontroller based PID Controller.
- Temperature Range – Amb +5 to 100 Degree Celsius.
- Tank Capacity – 20 Liters.
- Water Drain Valve.
- AISI 304 Chamber Construction.

Model	CM-CWB-20
Tank Capacity	20 Liters
Temperature Stability	0.1 ± °C
Heater Power	1.5 kW
Bath Opening (mm)	400 x 250
Bath Depth (mm)	200
Tank Dimension (mm)	340 x 200 x 300
Temperature Sensor	PT100
MOC Internal	SS304

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