



Precision Water bath (With built in stirrer)



The RIVOTEK precision water baths provide precise laboratory temperature control suitable for direct and auxiliary heating of biological, chemical, physical, plant, chemical, and other experimental samples for Escherichia coli detection, sample thawing, bacterial detection, incubation microbial experiments, cell culture, food testing pre-treatment, and more.

Construction Features

- Corrosion-resistant stainless steel chamber coupled with aluminium powder coated base for rust free long life baths .
- Digital PID temperature controller for accurate sensor of temperature and high durable heaters.
- Maintenance-free operation.
- Built in stirrer helps to maintain uniform temperature stability in the bath
- High gauge SS304 Tanks with Rounded corners for quick and easy cleaning.
- Corrosion-resistant stainless steel, holed chamber shelf protects temperature sensor and heater while allowing better heat transfer to the water.
- Hinged stainless-steel/ ACRYLIC gable chamber cover holds heat in and minimize chamber water loss due to evaporation.
- Quick-connect drain valve makes emptying of bath water fast and easy for cleaning and moving.

Independent over-temperature protection

- Illuminated chamber power switch
- Temperature limit protection
- Over-current protection

Stainless steel, holed bottom plate provides a platform to sit flasks, blood bag holders and test-tube racks on while protecting the heating element and temperature sensor. A fuse and an adjustable over-temperature protect the bath and user.

| Model | 50124 001 | 50124 002 | 50124 003 |
|---------------------------------|--------------------------|-------------------------|--------------------------|
| Capacity (L) | 5 liters | 10 liters | 20 liters |
| Temperature Range | Ambient + 5o C to 100o C | | |
| Temperature Uniformity (@37° C) | ± 0.2 degree Celsius | | |
| Temperature Stability (@37° C) | ± 0.3 degree Celsius | | |
| Circulations | By PTFE STIR BAR | | |
| Internal dimensions in mm | 325x265x100 | 325x265x150 | 530x325x150 |
| Power Consumption (W) | 2A, 230Volts, 400 watts | 4A, 230Volts, 900 watts | 9A, 230Volts, 1600 watts |