



BCSIR Dhaka Laboratories, BCSIR

Digital Water Bath

Uses To incubate samples in water at a constant temperature over a long period of time.

Features ✚ Provide greater temperature uniformity, control and stability. Working temperature range from Room Temperature to 100 °C

✚ Four holes. ✚
✚ Heater: 2 kW

✚ Temperature stability of ± 0.2 °C ✚ Capacity: 8 liters

Scale of Development The product is standardized at Bench scale.

Major Raw Materials Stainless steel sheet, Thermocouple, IC, Relay, Heater etc

Major Plant Equipment Lathe machine, Sheet cutter, Circuit board plotter.

Specific Application

- Typically used during incubation in microbiological laboratory work.
- ❖ Warming Reagents/ Routine Laboratory applications
- ❖ Bacteriological Examinations
- ❖ Cell cultivation

Status of Development It is developed and tested.

Environmental impact Process is environment friendly.

Commercialization Status Ready for commercialization

Price (per Unit) 45,000/- (Forty five thousand taka only)

Key words Water bath, temperature, heater, sample