

CONSTRUCTION DETAILS SEROLOGICAL WATER BATH

Our serological water baths are double walled convection heated units. Outer body of our serological water baths is constructed out of thick PCRC steel sheet, duly pre-treated with primers for rust proof and painted with air drying paint/stove enamel/powder coating. The inside chamber of the unit is made of heavy gauge stainless steel sheet of grade ss-304. The unit is provided with top opening cover, made of stainless steel with steel concentric rings. The unit is provided with one stainless steel racks.

HEATING

Indirect heating system is provided in our serological water bath, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage. The temperature is evenly distributed throughout the chamber through natural water convection mechanism, ensuring a very good temperature sensitivity.

TEMPERATURE RANGE

Temperature range of our standard serological water bath models are 5° c above ambient to 90° c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.

TEMPERATURE SENSITIVITY

Temperature inside our serological water bath is controlled with a sensitivity of + 0.5° c or better. (With PID Controller).

FRONT PANEL

Front panel of our serological water bath comprises of on/off switches heating and mains indicator lamps and temperature controller.

DATA ACQUISITION AND CONTROL SYSTEM FOR SEROLOGICAL WATER BATH-optional

SAILENT FEATURES

TEMPERATURE CONTROL

Temperature Sensitivity \pm °C 0.5 or better, Deviation In Temperature \pm °C 0.5

Temperature range °C 5°C above ambient to 90°C (Standard)

Temperature Sensor PT-100. Temperature Controller Solid State digital Controller/PID optional.

Safety Thermostat for safety.

Display LED/LCD .Adjustable alarm limits Optional With PID controller only.

ACCESSORIES-OPTIONAL

Timer (999 mins) optional, Program (Real Time) optional

Data Acquisition Program optional. Serial Port (Printer) RS232C optional

SHELVES

Internal Dimensions mm Standard

Model –JWB14	300mm x 250mm x 175mm (2 racks) 14 ltr
Model –JWB-18	330mm x 300mm x 175mm (4 racks) 18 ltr
Model-JWB 25	455mm x 300mm x 175mm (4 racks) 25 ltr
Model-JWB 32	605mm x 300mm x 175mm (8 racks) 32 ltr

POWER CONSUMPTION

Nominal power W 500 -650

Nominal voltage V 220-230 Volts, 50 Hz Single Phase

Frequency Hz 50

Long life Low Maintenance Calibration And Protocol Documentation

Versatile usage Ergonomic Design Energy Efficient Equipment.