

WATER BATH INCUBATOR SHAKER or METABOLIC SHAKING INCUBATOR (LI-WBIS-20)

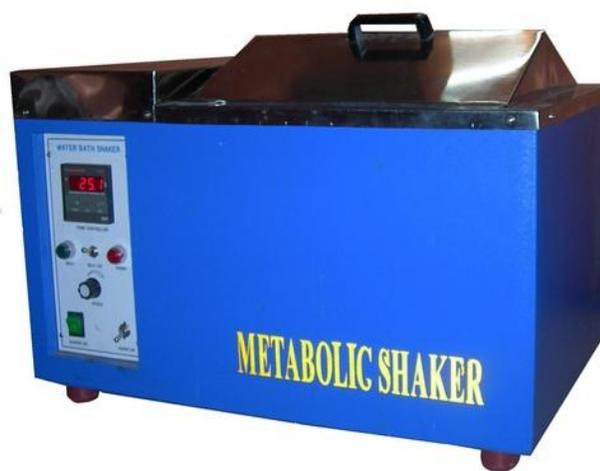
APPLICATION :

Double Walled Water Bath Incubator Shaker (Desktop Model) is a versatile equipment to study on tissue metabolism, Enzymes and Protein Coagulation or other experiments requiring shaking of subject matter at constant speed under controlled temperature environment.

Double Walled Water Bath Incubator Shaker is low cost options for Biotechnology, Clinical, Environmental, Micro Biology, Medical, or Industrial Applications.

FEATURES :

- Double walled construction.
- Inner Tank and lid made of Stainless Steel (SS-304 grade).
- Outer chamber is made of Mild Steel duly powder coated.
- Heating by immersion heaters.
- Temperature range up to 90°C.
- Controls temperature within an accuracy of $\pm 1^{\circ}\text{C}$ by microprocessor based digital temperature indicator cum controller (optional).
- Thermal loss is prevented by filling mineral wool (Insulation) in space between the outer body & stainless steel tank.
- Shaking mechanism comprises of variable speed motor fixed on the left side and coupled to the oscillating tray riding on ball rollers oscillated through a geared variable speed motor. Tray shakes in linearly to and fro is with Minimum Noise and Vibration.
- Shaking motion of tray is controlled by speed regulator fitted at the panel.
- Shaking tray can either hold test tubes or Erlenmeyer flasks of 25 ml or 50ml or 100 ml or 250 ml or 1000ml, as ordered by the user.
- Supplied complete with one shaking tray as a standard accessory.
- Supplied with GABLED DOME LID for dripping of all condensate into the bath inside periphery.



TECHNICAL SPECIFICATIONS :

Model : LI-WBIS-20		
Capacity	12 Ltrs	18 Ltrs
Shaking Tray Size	275 x 275 x 150mm	405 x 300 x 150mm
Approx Heating Load	2.0 KW	2.5 KW
Temperature Range	From ambient to 90°C	
Temperature Sensor	Pt-100 (with Digital temp. controller attachment only)	
Shaking Speed	40 to 140 cycles/min	
Shaking Control	By Speed Regulator	
Shaking Tray	Can either hold test tubes or Erlenmeyer flasks of 25ml or 50 ml or 250 ml or 1000 ml as ordered by the users	

OPTIONAL :

- Digital Temperature Indicator-cum-Controller.
- Digital RPM Indicator.

Models, Features and Specifications subject to change without notice.