



Water Bath Incubator Shaker (Metabolic Shaking Incubator)



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OBROMAX

ACMAS Technologies Inc.

CE An ISO 9001:2000 Company

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OBROMAX METABOLIC SHAKER BATH is reciprocating action shaker used for clinical, chemical investigations or in micro biological research.

Water Bath Incubator Shaker (Metabolic Shaker)

- It is a double walled unit with inside made of thick stainless steel sheet and outer of mild steel sheet duly enamel painted.
- The pyramidal lid made of S.S. Prevents falling of condensed water droplets and the specimens.
- Heating is achieved through an immersion type heater the bath has an oscillating tray riding on ball rollers oscillated through a geared variable speed motor.

- Shaking speed range is between 40 to 140 cycles per minute.
- The shaking tray can either hold test tubes or Erlenmeyer flasks of 25 ml or 50ml or 100 ml or 250 ml or 500 ml or 1000 ml, as ordered by the users.
- Supplied complete with one shaking tray, pyramidal cover cord and plug, to work on 220/230 volts A.C. supply.

Inner Size:

- (a) 275 x 275 x 175 mm
- (b) 275 x 275 x 150 mm
- (c) 405 x 300 x 150 mm

Temp Ambient to 100°C and 5°C to 100°C

Applications:

- Ideal for general material and corrosion testing
- Biochemical research
- Enzyme and tissue studies
- Fermentation
- Incubation and thawing of blood samples

Features:

- Electronic P.I.D. temperature control with digital indication of set and process value
- High accuracy pt 100 temperature sensor Solid state control relay for optimum reliability
- Micro processor based speed control for high stability with digital indication of r.p.m.
- 120 minute timer with infinity override position for continuous operation

- Quiet operation
- Grade 304 stainless steel tank interior and lid Suitable for water or low viscosity medium
- Powerful internal circulation pump ensures uniform temperature distribution
- Temperature range ambient +7°C to +100°C
- Flask holding clamps available as accessories
- Easily removable shaking carriage for loading outside of bath. Platform size 450 x 300 x 160 mm
- Shaking stroke 38 mm
- Supplied with gabled lid specially designed to ensure no direct dripping of condensate of samples

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