



For high degree of temperature stability

**EQUITRON**®

## STIRRED WATER BATH

Constant  
temperature  
Baths



### Applications:

- ♦ Ideal for constant temperature applications in Refractometry, Polarimetry, Rotational Viscometry, in biotechnology laboratory for development of culture applications and general laboratory work.
- ♦ Ideal for critical applications requiring a high degree of temperature accuracy and uniformity.

### Advantages:

- ♦ Stirring achieved by an efficient, continuously rated, self cooling motor with SS shaft and propeller of anti-corrosive material.

### Features:

- ♦ Independent over-temperature self resetting safety cut-off with alarm.
- ♦ Full SS construction.
- ♦ Uniformity:  $\pm 0.1^{\circ}\text{C}$  at  $37^{\circ}\text{C}$ .
- ♦ Resolution:  $0.1^{\circ}\text{C}$ .

### Optional Accessory (to be ordered alongwith bath):

- ♦ External Pumping @300ml/min at same level.

| Model <sup>†</sup> | Bath                         | Size L/W/D<br>in cm | OPTIONAL<br>Accessory    | Temp.<br>Range*        | Heater<br>(W) | Accuracy<br>at 37°C       | App. Shipping Details<br>Net / Gr. / Volume |
|--------------------|------------------------------|---------------------|--------------------------|------------------------|---------------|---------------------------|---|
| #5405-             | Stirred Water Bath<br>5 Lit  | 30 x 15 x 15        | External<br>Pumping: # P | Ambient<br>+ 5 to 90°C | 500           | $\pm 0.1^{\circ}\text{C}$ | 5.5 kg / 6.5 kg / 0.05 m <sup>3</sup>       |
| #5414-             | Stirred Water Bath<br>14 Lit | 32 x 30 x 15        |                          | Ambient<br>+ 5 to 90°C | 1000          | $\pm 0.1^{\circ}\text{C}$ | 9.0 kg / 12 kg / 0.135 m <sup>3</sup>       |
| #5428-             | Stirred Water Bath<br>28 Lit | 60 x 30 x 20        |                          | Ambient<br>+ 5 to 90°C | 1500          | $\pm 0.2^{\circ}\text{C}$ | 13 kg / 16 kg / 0.185 m <sup>3</sup>        |

\* for below ambient temperatures (upto + 5°C) please use in conjunction with Chilled Water Circulator.

† Add. suffix P for external pumping.

All electrical appliances work on 230V AC, 50Hz, single phase. Other Voltages available on request.

Due to continuous improvement in design, the product supplied may have modified features.

Our Other Products: Autoclave Vertical: Standard / RD / Fully Automatic / Jacketed, Autoclave Portable: Standard / Automatic, Autoclave Still Series: Vacuum, Autoclave Still series - Media Preparator - Table Top Autoclaves: Normal / Class B - UV Sterilisation Cabinet - Rotary Vacuum Evaporator - Vacuum Controller - Chilled Water Circulator - PTFE Diaphragm Vacuum Pump - BOD Incubator - SSC Clean Bench - Water Still / Stone-In / Automatic Water Still - Water Bath: Stirred (Constant) / Serological / Concentric Rings / Shaking / Refrigerated Circulating Bath - Round Bath: Clear Bottom (Immersion Series: ECO Series - Ultrasonic Bath: Digital / LCD - Dry Bath - Colony Counter - Hot Plate with Magnetic Stirrer - Anaerobic Jar - SS / Polycarbonate - Pipette & Petri Dish Sterilizing Box - Test Tube Rack - ESR Westgreen & Winrobe Apparatus - Slide Staining Stand / Rack / Trough - Slide Trays - Slide Cabinet



## ACCESSORIES FOR STIRRED WATER BATH



### CHILLED WATER CIRCULATOR:

- Ideally suitable for below ambient operations upto +5°C in Stirred Water Bath #B414 & #B428.
- Environment friendly CFC free compressor.
- Inbuilt Digital Temperature Controller.
- Sturdy castors for easy manoeuvrability.

| Model                      | Product  | Suitable for            |
|----------------------------|--|-------------------------|
| #B502.ROT.000<br>#S1199-10 | Chilled Water Circulator<br>with external circulation coil | #B428 / #B414 upto +5°C |



### GABLED LID:

- Full SS construction.
- Insulated Handle for easy removal and placing.
- Ergonomic design for dripping of all condensate into the Bath inside periphery.

| Model       | Product                | Size       |
|-------------|------------------------|------------|
| #B928.GL.14 | Gabled Lid for 14 lit. | 23 x 30 cm |
| #B928.GL.28 | Gabled Lid for 28 lit. | 41 x 30 cm |



### CONCENTRIC RINGS LID:

- Lid of SS with insulated knobs for easy removal and placing.
- Concentric Rings moulded from engineering plastic to withstand temperature & long use.
- Rings in steps of Ø75, Ø50 & Ø25mm.

| Model       | Product                         | Size             |
|-------------|---------------------------------|------------------|
| #B926.CR.14 | Concentric Rings Lid for 14lit. | 4 holes x Ø75 mm |
| #B926.CR.28 | Concentric Rings Lid for 28lit. | 8 holes x Ø75 mm |



### WEIGHT RINGS:

- Moulded Lead Rings to stabilize glassware immersed in Water Baths.
- Reduces breakage & chemical spills due to floating.
- Plastic coating is general chemical resistant and will not scratch flasks.

| Model | Product  | Size             |
|-------|--|------------------|
| #B952 | Weight Rings for Corical Flasks - 50 to 100 ml   | Pack of 10 rings |
| #B955 | Weight Rings for Corical Flasks - 150 to 1000 ml | Pack of 10 rings |



### FLOAT BALL:

- Form 2 layers of the float balls over water's surface and improve performance.
- Reduces evaporation losses effectively.
- Provides easy & single hand removal & insertion of tubes / flasks.

| Model    | Product    | Size             | Require Pack(s)   |
|----------|------------|------------------|---|
| #B090-50 | Float Ball | Pack of 50 balls | 1 pack for #B405, 2 packs for #B414 & 3 packs for #B428 |



### IMMERSION HEIGHT ADJUSTABLE TRAY:

- SS construction.
- Enables immersion height adjustment for small flasks / tubes in Stirred Baths.
- Set of two shelves of 30 mm ht enables immersion reduction by 30 / 60 mm.

| Model        | Product                     | Size         |
|--------------|-----------------------------|--------------|
| #B920.11.3x2 | Set of two shelves 30 mm ht | 110 x 300 mm |