

For reliable and reproducible tempering of reactions

**EQUITRON**®

## GLASS OIL BATHS



**EQUITRON** Glass Oil Baths are ideal for small scale research and development reactions as well as for tempering applications in laboratories.

### **EQUITRON Advantages:**

- Specially designed low profile construction.
- Low watt density, peripheral, surface treated heater for longer life.
- Uniquely designed mounting tray for easy & comfortable handling of glass baths.
- Unique modular design enables easy interchangeability of baths with PID controllers across all sizes.



## STANDARD FEATURES:

### BATH

- Bath consists of powder coated SS tray, Glass bath, SS heater and Sensor module.
- Pt-100 sensor for precise monitoring.
- Choice of three sizes for 100ml, 500ml and 1000ml RB flask capacity.



### PID CONTROLLER

- Digital electronic PID controller with following parameters programmable by user: *Temperature range:* Ambient + 5°C to 225°C; *Time:* up to 9999 minutes.
- A floating overshoot alarm set at 10°C above the set point.
- End cycle audio/visual indication with heater cut off.
- In case of power failure, reaction will re-start from same point on power up.



### MAGNETIC STIRRER

- Special low profile design suitable for all three sizes.
- Stepless speed controller from 200 to 1000 RPM.
- Powerful magnet.
- Reset button for centering the magnetic needle.
- Soft start.
- Digital RPM indication available as option.

GLASS OIL BATHS			
Model	RB flask capacity	Bath size Ø x Depth in mm	Temperature Range
#8460.HSB.001	100 ml	Ø 100 x 50	Ambient + 5°C to 225°C Control accuracy: ± 2°C
#8460.HSB.005	500 ml	Ø 150 x 75	
#8460.HSB.010	1000 ml	Ø 190 x 100	

TEMPERATURE CONTROLLER OPTIONS		
Model	Description	Size
#8460.PCT.010	Digital PID controller with built-in count down 9999 minutes timer with composite cable for heater and sensor	Dimension: 160x160x200 mm (HWD) Weight: Approx. 1.5 Kg. Working on 230 Volts, 50 Hz.

MAGNETIC STIRRER	
Model	Description
#8460.MAG.010	Magnetic stirrer, SS top plate, 180 x 180mm, stirring range: 200-1000 RPM continuously variable, supplied with one oval shape rotor, 230 volts, 50Hz

All electrical appliances work on 230 VAC, 50Hz, single phase.  
Due to continuous improvement in design, the product supplied may have modified features.



**MEDICA INSTRUMENT MFG. CO.**

105, Vasan Udyog Bhavan, Sun Mill Compound, Lower Parel (West)  
Mumbai 400013, INDIA • ☎ +91-22/6618-9999 • 📠 +91-22/6618-9996  
✉ sales@medicainstrument.com • www.medicainstrument.com

