

Refrigerated Circulating baths / Water Bath

The **SESS** Refrigerated Circulating baths with a special control module provide excellent accuracy & uniformity essential for most demanding applications in the temperature range of -10°C to $+120^{\circ}\text{C}$. These heating cooling baths are ideal for both immersing samples & circulating controlled temperature liquid to external equipments.

Applications:

- Ideal for Rotational Viscosity tests, Spectrophotometers, Refract meters, Electrophoresis, Isoelectric Focusing, Calibration, Chromatography, Condensers, Densitometers, Polari meters and General Laboratory Cooling.

Advantages:

- SESS provides heating & cooling or both.
- Extremely compact single table top unit - saves bench & under-table space.
- Quiet operation.
- Crevice free stainless steel die pressed vessel.
- Temperature Range -10 to $+120^{\circ}\text{C} \pm 2^{\circ}\text{C}$
- PID Temperature Controller with Soak Timer.
- Control accuracy of $\pm 0.1^{\circ}\text{C}$ for water & $\pm 0.2^{\circ}\text{C}$ for oil.
- Excellent stirring enables uniformity better than 0.5°C .
- Powerful two speed external pumping @ 9.0 Lit/min.

SRI EASWARI SCIENTIFIC SOLUTION

Old No- 499, New no: 2/20, Plot No - 110A, Srinivasanagar, 2nd cross street, Srinivasapuram, Baraniputhure, Iyyapanthangal,
Near: srinivasa welding shop, Chennai-600 056 INDIA,

Controller

- microprocessor PID-temperature controller with integrated auto diagnostic system with fault indicator
- solid state switching unit
- one Pt100 sensor
- Digital timer from 1 min. to 99,59 hours for ON continuous operation WAIT (delayed on for continuous and limited timed operation)
- In case of over temperature due to failure, the heating is switched off at approx. 10 °C above the set temperature (fixed value)
- Mechanical temperature limiter TB protection class 1 switching the heating off at approx. 30 °C above max. temperature of the bath



Model	Bath	Temperature Range	Capacity	Refrigeration compressor	Heater
RCB10	Refrigerated / Hot Circulating 10 Ltr	-10°C to +120°C	10 lit.	Danfoss	1.2 kW
RCB 20	Refrigerated / Hot Circulating 20 Ltr	-10°C to +120°C	20 lit.	Danfoss	1.2 kW
RCB 50	Refrigerated / Hot Circulating 50 Ltr	-10°C to +120°C	50 lit.	Danfoss	2 kW

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