



Model HC-10 / HC-20



Model OB-30

General Features

- Microprocessor-PID controller which makes it easy to achieve and maintain the exact temperature desired.
- Set temperature easily and accurately with push-buttons.
- LED dual-display screen displays both the set and actual temperatures.
- Back-up system memory protects the set point value in case of power failure.
- Auto diagnostic system integrated in the controller ensures rapid identification and correction in the event of any error.
- Off-set function for calibration use. Important for ISO/Calibration requirement.
- Immersed parts are made of long-life stainless steel
- With built-in circuit breaker to ensure safe and lasting operation
- Designed and constructed for continuous operation.
- Stirring motor ensures temperature uniformity throughout the bath (circulators only).
- With inlet/outlet nozzles for external circulation of hot fluid (circulators only).
- Supplied with two meter power cord with grounded plug.

Applications

- Calibrations
- DNA Melting Curves
- HPLC Columns
- Specific Gravity Determinations
- Temperature Gradients
- Densitometers
- Enzyme Assays
- Kinetic Research
- Spectrophotometer Cells
- Viscosity Studies

Specifications

EQUIPMENT	HEATING CIRCULATORS		OIL BATH
	HC-20	HC-10	OB-30
Temp. working range	5°C above ambient temperature to 150°C		Ambient to 300°C
Temp. control range	0°C to 150°C. Below ambient with external cooler		Ambient to 300°C
Controller	PID controller		
Setting & display	Digital, read out to 0.1°C		
Accuracy	±0.1°C		±2°C
Sensor	PT-100		Type K TC
Safety device	Complete with circuit breaker as standard		
Heater	1500 W		2000 W
Stirring	By means of built-in circulating pump		Non-stirring
Bath capacity	20 litres	10 litres	29 litres
Bath dimensions (mm)	285W x 480D x 155H	233W x 272D x 150H	360W x 300D x 270H
Lid opening area (mm)	230W x 230D	200W x 100D	322W x 243D
Overall dimensions (mm)	610W x 355D x 350H	305W x 405D x 345H	440W x 450D x 620H
Bath material	Interior SUS 304 stainless steel and exterior powder coated mild steel		
Power source	240 VAC, 50Hz, 6.1A		240 VAC, 50Hz, 8.2A
Weight	13.9 kg	10 kg	17 kg

All specifications are subject to change without prior notice.