

Lab1st OBC series is a kind of heating bath circulator, with temperature ranges from RT~99°C or RT~180°C. It can provide heating fluid to jacketed reactors or other devices. Heat transfer fluid can be water or oil according to specific temperature requirements. It is widely used for drying, concentration, distillation, dipping in chemical reagents, dipping medicines and biological products.



Heating Bath Circulator

## Features:

- The circulation system is made of stainless steel and copper, which is anti-rust and anti-corrosion
- Adopts PID control with accurate temperature control
- High efficiency circulating pump with heat dissipation design, more safety
- Equipped with lockable casters
- Water bath: RT-99°C; oil Bath: RT- 180°C
- Solid state relay control circuit, no contact, no flame

## Technical Data:

Model	OBC-05L
——TECHNICAL DATA——	
Design Temperature [°C]	Water bath: RT~99°C; ±1°C; Oil bath: RT~180°C; ±1°C
Ambient Temperature	-10 ~ 60°C
Optimum Ambient Humidity	< 90%RH
Electrical Requirements	220V;1P
Frequency [HZ]	50 or 60
Total Power [Kw]	1.6
Heating Power [Kw]	1.5
Temperature Sensor	PT100
——FLUID BATH——	
Volume [L]	6
Bath Opening Size [mm]	Ø200
Bath Depth [mm]	200

Circulation Interface	G1/2"
——CIRCULATION PUMP——	
Power [W]	100
Lift [m]	4~6
Rated Flow [L/min]	10
——WEIGHT   DIMENSION——	
Unit Weight [Kg]	13
Unit Dimension [mm]	480×380×630

## Package Information:

Length (cm)	Width (cm)
Height (cm)	CBM (m3)
Weight (kg)	Total capacity
Product Serial No. 9005	2024-01-10 16:05:27

Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.