

Oil Baths OB-1212



Feature

- Multi display(LED), resolution 0.1°C
- Temperature control of external system
- PID temperature control
- Low noise during the operation
- Built-in cooling coil
- Alarm setting function for temperature and time

Safety

- Adjustable high temperature cut-off by heater and bath temperature sensor
- Dry running protection
- Protection from excess electric current
- Water level sensor(Optional)

Application

Reactors • Autoclaves • Distillation apparatus • Mini plant applications • Photometers • Refractometer • Thermal Blocks

Technical Specification:

Model	OB-1212
Capacity (liters)	12L
Min. Temperature (°C)	Amb. + 5.0°C
Max. Temperature (°C)	200.0°C
Temp. Accuracy (°C)	±0.1°C
Temp. Stability (°C)	±0.02°C
Temp. Uniformity (°C)	±0.1°C
Temp. Resolution (°C)	0.1°C
Temperature Controller	PID temperature control
Temp. Display	LED
Heat Capacity	1800W
Pump Capacity Flow Rate (liter/min)	14 l/min
Pressure (bar)	0.6 bar
Pump In/Out Diameter (mm)	12.7Ø
Inside Dimensions (WxDxH) mm	150 mm
Inside Dimension (Depth) mm	100 mm
Inside Dimension (Height) mm	195 mm
Overall Dimensions (WxDxH) mm	290 × 350 × 450 mm
Net Weight (kg)	16 kg
Electrical Requirements	220V/50Hz

Technical Data:

Model	OB-1212		OB-1312		OB-1226		OB-1326	
Volume	12L		12L		26L		26L	
Temperature Range	Amb~200.0?		Amb~300.0?		Amb~200.0?		Amb~300.0?	
Filling volume	12 litres		12 litres		26 litres		26 litres	
Working temp. range	Amb ?~+200.0?							
Temperature setting					0.1?			
Temp. stability					±0.02?			
Temp. uniformity					±0.1?			
Temp. controller					PID temperature control			
Heat cap.	1800W		2000W		1800W		3000W	
Pump capacity Flow rate	14 l/min							
Pump Capacity Flow Rate (L/min)					14 L/min, 4M			
Pressure					0.6 bar			
Pump In/Out					12.7Ø			
Bath opening/Filling bath depth volume(W×D×H)(cm)	15×10×19.5				21 x 16 x 20			
Dimensions(W×D×H)(cm)	29×35×45				35 x 56 x 45			
Bath size(W×D×H)(cm)	20×30×19.5				29×50×19.5			
Interface					RS232			
Net Weight	16 kg		16kg		18 kg		18kg	
Gross Weight								
Electrical Requirement	110V	220V	110V	220V	110V	220V	110V	220V
Catalogue No.								



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