IRIS ANALYTICAL

BATHS & CIRCULATORS





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The Iris Oil Bath is designed to provide excellent temperature uniformity and smooth working for various laboratory test procedures. Easy to adjust and operate. It reaches a maximum of 200ºC/300ºC and operates safely for all your samples. Digital Oil Bath is suitable for high temperature applications using oil as a thermal media up to 250°C such as heat transfer, dipping and melting experiment. Suitable to be used for the application i.e. reactors, distillation, refractometer etc.

- Multi display(LED), resolution 0.1℃
- Temperature control of external system
- PID temperature control
- Low noise during the operation
- Built-in cooling coil
- Alarm setting function for temperature and time
- Adjustable high temperature cut-off by heater and bath temperature sensor
- Dry running protection
- Protection from excess electric current
- Water level sensor(Option)

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			
Weight (kg)	16				18			
External PT100 sensor								
Interface	RS232							
Net Weight	16 kg		16kg		18 kg		18kg	
Gross Weight								
Electrical Requirement	110V	220V	110V	220V	110V	220V	110V	220V
Catalogue No.								

Oil Bath OB-1000 series

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Application

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

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