



BATH & CIRCULATOR

LABOCON SYSTEMS

3rd Floor, 207 Regent Street, London, W1B 3HH, UK

Tel: +44 203 3724850 | E-mail: info@labocon.com | Web: www.labocon.com

CIRCULATING BATH HIGH TEMPERATURE-100 Series

Labocon Circulating Bath High Temperature-100 Series come with stable & uniform temperature controls for high temperature experiments. These Circulating Baths are available with an adjustable temperature range up to 200°C, LED display with easy to use touch panel, a powerful circulation pump which ensures temperature uniformity and temperature-rise protection.



Specifications:

Model		LHCB-101	LHCB-102	LHCB-103	LHCB-104	LHCB-105
Capacity (L)		5	15	25	15	25
Temperature Range	Range	Ambient TO 100°C			Ambient TO 200°C	
	Accuracy	0.1°C				
Top Opening (LxW) (mm)		180x140	235x160	230x160	235x160	
Internal Dimension (LxWxD)(mm)		280x210x150	290x270x220	300x260x300	280x210x150	300x265x300
Weight (Net/ Gross)(kg)		30/34	33/38	35/40	37/42	42/47
Catalog No.		5111201121	5111202121	5111203121	5111204121	5111205121

CIRCULATING BATH LOW TEMPERATURE– 100 Series

Labocon's Circulating Bath Low Temperature– 100 Series provide low temperature range of -10°C to 100°C and 6-20L bath capacities for a variety of applications. These are designed with stainless steel interior, PID controller, LED display and Non- CFC refrigerant. For normal & continuous functioning, these bath models are equipped with liquid low level protection, temperature-rise protection, over-heating protection and sensor failure protection.

Application:

These are designed for application in biomedical, life science, industrial & pharmaceutical applications. They can be used to conduct constant temperature test, & can be connected with other equipments such as electron microscope, rotary evaporator, electrophoresis unit, etc. through the tube, for various experiments.



Specifications:

Model		LLCB-101	LLCB-102	LLCB-103	LLCB-104
Capacity (L)		6	10	15	20
Temperature	Range	-10°C TO 100°C			
	Fluctuation	0.05°C			
Display Resolution		0.1°C			
Pump Flow Rate (L/min)		4-10			
Top Opening (LxW)(mm)		180x140		235x160	
Dimension (mm)	Internal(LxWxD)	280x210x150	250x200x200	290x270x220	290x270x280
	Overall (LxWxH)	450x340x740	480x370x810		
Weight (Net/Gross) (kg)		30/34	33/38	35/40	37/37
Power supply		AC220V 50Hz			
Catalog No.		5111101121	5111102121	5111103121	5111104121

CIRCULATING BATH LOW TEMPERATURE– 200 Series

Circulating Bath Low Temperature– 200 Series from Labocon have a temperature range of -20°C to 100°C and a capacity range of 6L to 20L. These easy to operate baths come with stainless steel interior, PID controller, LED display and Non- CFC refrigerant. For normal & continuous functioning, these bath models are equipped with liquid low level protection, temperature-rise protection, over-heating protection and sensor failure protection.

Application:

These are designed for application in biomedical, life science, industrial & pharmaceutical applications. They can be used to conduct constant temperature test, & can be connected with other equipments such as electron microscope, rotary evaporator, electrophoresis unit, etc. through the tube, for various experiments.



Specification:

Model		LLCB-201	LLCB-202	LLCB-203	LLCB-204
Capacity (L)		6	10	15	20
Temperature	Range	-20°C TO 100°C			
	Fluctuation	0.05°C			
Display Resolution		0.1°C			
Pump Flow Rate (L/min)		4-10			
Gap Size (LxW mm)		180x140		235x160	
Dimension (mm)	Internal (LxWxD)	280x210x150	250x200x200	290x270x220	290x270x280
	Overall (LxWxH)	450x340x740	480x370x810		
Weight (Net/ Gross) (kg)		30/34	33/38	35/40	37/37
Power supply		AC220V 50Hz			
Catalog No.		5111105121	5111106121	5111107121	5111108121

CIRCULATING BATH LOW TEMPERATURE– 300 Series

The Circulating Bath Low Temperature– 300 Series of Labocon exhibit precise temperature control in the range of -30°C to 100°C with capacity range of 6L to 20L. These circulating baths are equipped with PID control, LED display, stainless steel interior and Non-CFC refrigerant. Safety features include liquid low level protection, temperature-rise protection, over-heating protection and sensor failure protection.

Application:

These are designed for application in biomedical, life science, industrial & pharmaceutical applications. They can be used to conduct constant temperature test, & can be connected with other equipments such as electron microscope, rotary evaporator, electrophoresis unit, etc. through the tube, for various experiments.



Specification:

Model		LLCB-301	LLCB-302	LLCB-303	LLCB-304
Capacity (L)		6	10	15	20
Temperature	Range	-30°C TO 100°C			
	Fluctuation	0.05°C			
Display Resolution		0.1°C			
Pump Flow Rate (L/min)		4-10			
Top Opening (LxW mm)		180x140		235x160	
Dimension (mm)	Internal (LxWxD)	280x210x150	250x200x200	290x270x220	290x270x280
	Overall (LxWxH)	450x340x740	480x370x810		
Weight (Net/ Gross) (kg)		30/34	33/38	35/40	37/37
Power supply		AC220V 50Hz			
Catalog No.		5111109121	5111110121	5111111121	5111112121

CIRCULATING BATH LOW TEMPERATURE– 400 Series

Labocon Circulating Bath Low Temperature– 400 Series provide low temperature range of -40°C to 100°C and 6-20L bath capacities for a variety of applications. These are designed with stainless steel interior, PID controller, LED display and Non- CFC refrigerant. For normal & continuous functioning, these bath models are equipped with liquid low level protection, temperature-rise protection, over-heating protection and sensor failure protection.

Application:

These are designed for application in biomedical, life science, industrial & pharmaceutical applications. They can be used to conduct constant temperature test, & can be connected with other equipments such as electron microscope, rotary evaporator, electrophoresis unit, etc. through the tube, for various experiments.



Specification:

Model		LLCB-401	LLCB-402	LLCB-403	LLCB-404
Capacity (L)		6	10	15	20
Temperature	Range	-40°C TO 100°C			
	Fluctuation	0.05°C			
Display Resolution		0.1°C			
Pump Flow Rate (L/min)		4-10			
Top Opening (LxW mm)		180x140		235x160	
Dimension (mm)	Internal (LxWxD)	280x210x150	250x200x200	290x270x220	290x270x280
	Overall (LxWxH)	450x340x740	480x370x810		
Weight (Net/ Gross) (kg)		30/34	33/38	35/40	37/37
Power supply		AC220V 50Hz			
Catalog No.		5111122121	5111123121	5111124121	5111125121

OIL BATH-100 Series

Labocon Oil Bath-100 Series are multiple or single hole models, totally safe at high temperatures of up to 300°C. Regulated by microprocessor controller, designed with strong non-corrosive steel, these have digital display with touch screen operation, platinum sensor & temperature-rise alarm.

Application:

Applicable in distillation, drying, concentration of chemicals or biological products.



Specification:

Model		LOB-101	LOB-102	LOB-103	LOB-104	LOB-105
Concentric Rings		Single hole	2 holes	2 Rows 4 Holes	2 rows 6 holes	2 rows 8 holes
Temperature	Range	Ambient TO 300°C				
	Uniformity	±0.5°C				
Internal Dimension (WxDxH)(mm)		160x160x120	300x160x120	300x300x120	470x300x120	600x300x120
Power supply		220V 50Hz				
Catalog No.		5282101464	5282102464	5282103464	5282104464	5282105464

OIL BATH-200 Series

Labocon Oil Bath-100 Series are multiple or single hole models, totally safe at high temperatures of up to 300°C. Regulated by microprocessor controller, designed with strong non-corrosive steel, these have digital display with touch screen operation, platinum sensor & temperature-rise alarm.

Application:

Applicable in distillation, drying, concentration of chemicals or biological products.



Specification:

Model		LOB-201	LOB-202	LOB-203	LOB-204	LOB-205
Concentric Rings		Single hole	2 holes	2 rows 4 Holes	2 rows 6 holes	2 rows 8 holes
Temperature	Range	Ambient TO 300°C				
	Uniformity	±1.0°C	±1.5°C	±2.0°C		
Internal Dimension (WxDxH)(mm)		160x160x120	300x160x120	300x300x120	460x300x120	300x300x120
Power supply		220V 50Hz				
Catalog No.		5282106464	5282107464	5282108464	5282109464	5282110464

OIL BATH-300 Series

Oil Bath-300 Series of Labocon are totally safe at high temperatures of up to 200°C. Regulated by PID microprocessor controller, designed with strong non-corrosive steel, these have digital display, USB/ RS485 interface & audio/visual alarm. Its stirrer function accomplishes uniform temperature control, providing you superior heating concept, protected with fluid yet close to the sample for optimum results.



Specification:

Model		LOB-301	LOB-302	LOB-303	LOB-304
Capacity (L)		12		20	
Temperature	Range	Ambient +20°C TO 200°C			
	Stability	±0.2°C			
Timer Range		1~999min			
Internal Dimension (WxDxH)(mm)		250 x 250 x 200		400 x 250 x 200	
Power supply		220V 50Hz			
Catalog No.		5282133464	5282134464	5282135464	5282136464

OIL BATH CIRCULATOR

Labocon Oil Bath Circulators are ideal for industrial or laboratory applications with a wide variety of capacity and the circulating pump requirements. They are suitable for jacketed reactor. They also have the intelligent control system.

Features:

- Simple user interface with two LED display, one for measurement of the temperature and another one is for setting the temperature value with the touch keys
- Wide Temperature range i.e. Ambient to 300°C which can be fluctuated to $\pm 0.2^{\circ}\text{C}$
- Optional water circulation cooling device which can be used to attain the rapid cooling while controlling the high temperature in the exothermic reaction



Specification:

Model		LOBC-101	LOBC-102	LOBC-103	LOBC-104	LOBC-105	LOBC-106
Capacity (L)		5	10	15	20	30	50
Temperature	Range	Ambient TO 300°C					
	Accuracy	$\pm 0.2^{\circ}\text{C}$					
Display		LED					
Control		Microprocessor Controller					
Pump Flow[L/min]		8	10	15			
Dimensions [mm]		240×150×150	280×190×200	280×250×200	280×250×280	400×330×230	500×330×300
Catalog No.		5282115603	5282116603	5282117603	5282118603	5282119603	5282120603

SHAKING WATER BATH-100 Series

Shaking Water Bath-100 Series of Shaking Water Bath features stainless steel baths specially designed for laboratory use including chemical analysis and analyzing fiber content. It delivers precise temperature control and a smooth shaking motion with microprocessor control system.

Features:

- Spring Bottle Rack
- Alarm system
- Adjustable Thermostat
- Electronic Calibration

Application:

Applicable in fermentation, hybridization, biochemical reaction, enzyme and tissue research that have high requirement of temperature and oscillation frequency.



Specification:

Model		LSWB-101	LSWB-102	LSWB-103
Method		Reciprocal	Orbital	Reciprocal and Orbital
Capacity (L)		32.5		
Temperature	Range	Ambient TO 100°C		
	Accuracy	0.1°C		
Speed Range		0-300 rpm		
Orbit Diameter		20 mm		
Timer Range		5-120 min		
Overall Dimension(mm)		490x390x170		
Power supply		220V 50Hz		
Catalog No.		5111401121	5111402121	5111403121

WATER BATH THERMOSTATIC THREE PURPOSE

Labocon Water Bath Thermostatic Three Purpose is accurate, durable and serves three purposes of sterilizer, water bath & water tank. A microprocessor achieves precise temperature control. The water bath is constructed with easy to clean stainless steel interior and top cover.

Application:

Labocon presents Water Tank, used in sterilizing, thawing, concentrating & thermostatic heating the samples, reagents & small surgical equipment in laboratories and hospitals.



Specification:

Model		LWTB-101	LWTB-102	LWTB-103	LWTB-104
Capacity (L)		8	27	8	27
Temperature Range		Ambient + 10°C TO 65°C		Ambient + 10°C TO 100°C	
Dimension (mm)	Internal (LxWxD)	420x180x105	600x300x150	420x180x105	600x300x150
	Overall (LxWxH)	595x230x260	775x350x340	595x230x260	775x350x340
Timer Range		1~999min			
Weight (Net/Gross) (kg)		7.15/ 8.25	13/ 15	8/ 9.1	14.25/16.25
Power supply		AC 220V±10/ 50Hz			
Catalog No.		5111501121	5111502121	5111503121	5111504121

WATER BATH

Labocon Water Bath are multiple or single hole models and reach temperatures of up to 100°C. Composed of stainless steel interior & top cover, it is corrosion resistant. Regulated by microprocessor controller, you can also opt for an optional analog controller.

Application:

Labocon brings to you Water Bath, used in the sample thawing, concentration & thermostatic heating of reagents, chemical medicine & biological products in laboratories.

Specification:



Model		LWB-101	LWB-102	LWB-103	LWB-104	LWB-105	LWB-106	LWB-107
Capacity (L)		2.6	4.9	9.5	14.4	9.4	14	18.1
Concentric Rings		1 row 1-hole	1 row 2-holes	1 row 4-holes	1 row 6-holes	2 rows 4-holes	2 rows 6-holes	2 rows 8-holes
Temperature	Range	Ambient +10°C TO 100°C						
	Accuracy	±1°C						
Dimension (mm)	Internal (LxWxD)	170x170x90	320x170x90	620x170x90	940x170x90	320x325x90	480x325x90	620x325x90
	Overall (LxWxH)	325x220x190	475x220x190	775x220x190	1095x220x190	505x375x190	660x375x190	800x375x190
Weight (Net/Gross) (kg)		4/4.25	5.2/6.1	8/9	10.1/12.25	7/8.2	8.3/10.1	10.1/12
Power Supply		AC220V±10/ 50Hz						
Catalog No.		5111601121	5111602121	5111603121	5111604121	5111605121	5111606121	5111607121