



Constant Temperature Water Bath

LD-LCTW-C1 Series

Constant Temperature Water Bath LD-LCTW-C10

Constant Temperature Water Bath LD-LCTW-C10 is a thermostatic water bath comprising natural water convection heat transfer configuration with stainless steel heating tube, offers temperature range of RT +5°C to 100°C with fixed temperature operation and timing function. Features stretching inner chamber with 3.4 L of capacity along with roof cover, and one-button operation. Incorporated PID temperature controller and NTC sensor with digital tube display, ensures precise auxiliary and constant temperature. With timing wait function, auto stop function and over temperature alarm, it also offers deviation correction, menu key locked, power failure back-up and power-off memory. Designed with cold – rolled steel plate outer shell, single shelf, single hole and chemical reagent resistance surface coating, this water bath automatically stops working on water shortage to ensure safe product operation.

Constant Temperature Water Bath LD-LCTW-C11

Constant Temperature Water Bath LD-LCTW-C11 is a thermostatic water bath comprising natural water convection heat transfer configuration with stainless steel heating tube, offers temperature range of RT +5°C to 100°C with fixed temperature operation and timing function. Features stretching inner chamber with 6.1 L of capacity along with roof cover, one-button operation and convenient drain. Incorporated PID temperature controller and NTC sensor with digital tube display, ensures precise auxiliary and constant temperature. With timing wait function, auto stop function and over temperature alarm, it also offers deviation correction, menu key locked, power failure back-up and power-off memory. Designed with cold – rolled steel plate outer shell, single shelf, single row and double hole, and chemical reagent resistance surface coating, this water bath automatically stops working on water shortage to ensure safe product operation.

Constant Temperature Water Bath LD-LCTW-C12

Constant Temperature Water Bath LD-LCTW-C12 is a thermostatic water bath comprising natural water convection heat transfer configuration with stainless steel heating tube, offers temperature range of RT +5°C to 100°C with fixed temperature operation and timing function. Features stretching inner chamber with 14.6 L of capacity along with roof cover, one-button operation and convenient drain. Incorporated PID temperature controller and NTC sensor with

Constant Temperature Water Bath LD-LCTW-C1 Series

digital tube display, ensures precise auxiliary and constant temperature. With timing wait function, auto stop function and over temperature alarm, it also offers deviation correction, menu key locked, power failure back-up and power-off memory. Designed with cold – rolled steel plate outer shell, single shelf, double row and quadruple hole, and chemical reagent resistance surface coating, this water bath automatically stops working on water shortage to ensure safe product operation.

Constant Temperature Water Bath LD-LCTW-C13

Constant Temperature Water Bath LD-LCTW-C13 is a thermostatic water bath comprising nature water convection heat transfer configuration with stainless steel heating tube, offers temperature range of RT +5°C to 100°C with fixed temperature operation and timing function. Features stretching inner chamber with 22.5 L of capacity along with roof cover, one-button operation and convenient drain. Incorporated PID temperature controller and NTC sensor with digital tube display, ensures precise auxiliary and constant temperature. With timing wait function, auto stop function and over temperature alarm, it also offers deviation correction, menu key locked, power failure back-up and power-off memory. Designed with cold – rolled steel plate outer shell, single shelf, double row and sextuple hole, and chemical reagent resistance surface coating, this water bath automatically stops working on water shortage to ensure safe product operation.

Features

- ❑ Thermostatic water bath comprising nature water convection heat transfer configuration
- ❑ Stainless steel heating tube with temperature range of RT +5°C to 100°C
- ❑ Fixed temperature operation and timing function
- ❑ Stainless steel stretching inner chamber with roof cover
- ❑ One-button operation and convenient drain
- ❑ PID temperature controller and NTC sensor
- ❑ Digital tube display, for displaying temperature measurement
- ❑ Timing wait function, auto stop function and over temperature alarm
- ❑ Deviation correction, menu key locked, power failure back-up and power-off memory

Constant Temperature Water Bath LD-LCTW-C1 Series

- ❑ Cold – rolled steel plate outer shell with chemical reagent resistance surface coating
- ❑ Automatically stops working on water shortage to ensure safe product operation
- ❑ Ensures precise auxiliary and constant temperature

Application

Constant temperature water bath is widely used for incubation, boiling, inactivation, wet ashing, enzyme analysis, evaporating, concentrating and constant temperature heating across school laboratory, food processing, oil factory, biochemistry, agriculture, and a variety of clinical and industrial use.

Specifications:

Model	LD-LCTW-C10	LD-LCTW-C11	LD-LCTW-C12	LD-LCTW-C13
Inner chamber volume	3.4 L	6.1 L	14.6 L	22.5 L
Temperature range	RT +5°C to 100°C			
Temperature resolution	0.1°C			
Temperature motion	±0.5°C			
Temperature uniformity	±1.0°C			
Heating mode	Nature water convection heat transfer			
Heater	Stainless steel heating tube			
Timer	0 to 9999 min			
Temperature controller	PID			
Temperature Setting	Touch button			
Operation function	Fixed temperature operation			
Safety function	Deviation Correction, menu key locked, power failure back-up, power-off memory, timing function, and auto stop			
Alarm system	Over-temperature			
Inner chamber material	Stainless steel			
Outer shell	Cold – rolled steel plate outer shell with chemical reagent resistance surface coating			

Constant Temperature Water Bath LD-LCTW-C1 Series

Shelf	Single			
Load per rack	5 kg			
Rows and holes	Single hole	Single row, double hole	Double row, quadruple hole	Double row, sextuple hole
Power supply	AC 220 V/1.8 A, 50/60 Hz	AC 220 V/2.3 A, 50/60 Hz	AC 220 V/4.5 A, 50/60 Hz	AC 220 V/6.8 A, 50/60 Hz
Power rating	0.4 kW	0.5 kW	1.0 kW	1.5 kW
Inner chamber dimension (L×W×H)	135×150×150 mm	135×300×150 mm	300×325×150 mm	300×500×150 mm
Exterior dimension (L×W×H)	154×170×210 mm	168×318×210 mm	318×350×210 mm	322×524×210 mm
Package dimension (L×W×H)	230×240×280 mm	240×390×280 mm	390×420×280 mm	390×600×280 mm
Net weight	3.3 kg	4.5 kg	6 kg	7.5 kg
Gross weight	4 kg	5 kg	7 kg	9 kg