



Dry Bath

Introduction

Ultrassay dry bath adopts microcomputer-controlled system that has high temperature control accuracy, sample preparation parallelism. As an alternative of traditional water bath, it can be used for the culture, preservation and reaction of various samples. It is widely used to pharmaceutical, chemical, food safety, quality inspection and environment.



Feature

- Scald-proof: Scald-proof equipped to protect the experimenters (Working place 100℃, Operation place less than 40℃);
- Temp. calibration: Temp. self-calibration, automatic fault inspection and beep alarm;
- Over-temp. protection: More reliable, extending the life span;
- Programmable: 9 steps program selectable, continuous operation is available.
- Fully touch screen: Real-time display of speed, temperature and time, Simple operation;
- Interchangeable sample blocks designed to provide versatility, easy cleaning and disinfecting;
- Compact: Compact and portable, saving place.

Product Parameters

Model	UDB-100 Heating	UDB-100C Heating & Cooling
Display	Touch Screen	Touch Screen
Programming	3 steps, selectable	3 steps, selectable
Operating Range	≤40℃@RT	≤40℃@RT
Temperature Setting Range	RT+5℃ ~ 100℃	-20℃ ~ 100℃
Cooling Range	/	≤25 down to 30℃
Temperature Uniformity	≤±0.3℃	≤±0.3℃
Temperature Resolution	0.1℃	0.1℃
Temperature Control Accuracy	±0.3@40℃/±0.1@100℃	±0.1℃
Heating Time	≤ 14min (20℃ to 100℃)	≤ 14min (20℃ to 100℃)
Cooling Time	/	≤ 10min (down to 30℃)
Timing Range	1min ~ 99h59m59s	1min ~ 99h59m
Power Supply	110-240V, 50/60Hz	110-240V, 50/60Hz
Power Consumption	120W	150W
External Dimension	W260 x D202 x H84mm	W260 x D202 x H148mm
Net Weight	3.5kg	3.5kg



Optional accessories

Picture	Item No.	Specification	Hole Dia.	Shape	Block Size
	UDB-A	0.2mlx96	6.7mm	Cone bottom	107x71x32mm
	UDB-B	0.5mlx54	8.0mm	Cone bottom	107x71x32mm
	UDB-C	1.5mlx35	10.8mm	Cone bottom	107x71x32mm
	UDB-D	2.0mlx35	10.8mm	Round bottom	107x71x32mm
	UDB-E	0.5mlx20 +1.5mlx15	8.0/10.8mm	Cone bottom	107x71x32mm
	UDB-F	≤Φ12mlx24	12mm	Flat bottom	107x71x32mm
	UDB-G	0.2mlx32 +1.5mlx25	6.1/10.8mm	Cone bottom	107x71x32mm
	UDB-H	0.2mlx32 +0.5mlx10 +1.5mlx15	6.1/8.0/10.8mm	Cone bottom	107x71x32mm
	UDB-I	Square	103x67x30mm	Flat bottom	107x71x32mm
	UDB-J	Flat (Microplate)	69x107x12mm	Flat bottom	107x71x15mm
	UDB-K	5mlx24	13.5mm	Flat bottom	107x71x32mm
	UDB-L	15mlx12	16.9mm	Flat bottom	107x71x100mm
	UDB-M	50mlx6	29.5mm	Flat bottom	107x71x100mm