

# DIGITAL HEATING/COOLING DRY BATHS



Crystal Digital Heating/Cooling Dry Baths are ideal for a variety of Life Science and General Laboratory applications, featuring a wide temperature range, programmability and user-friendly LCD display. These baths offer innovative block construction and increased flexibility. Advanced Peltier technology ensures rapid and accurate temperature management, without a refrigeration system, and significantly reduce experiment time. Dry temperature control maintains a clean environment, reducing contamination risk. This vibration free system is ideal for incubations where stable conditions are crucial.

## ◆ Product Features

- Advanced Peltier Technology for rapid heat-up and cool down times
- Reliable temperature control for continuous operation
- Wide variety of interchangeable aluminum sample tube and plate blocks available
- Programmable time, temperature segments
- Built-in safety features



DBC-06A Heating/Cooling  
Mini Dry Bath



DBC-05A Heating/Cooling  
Dry Bath

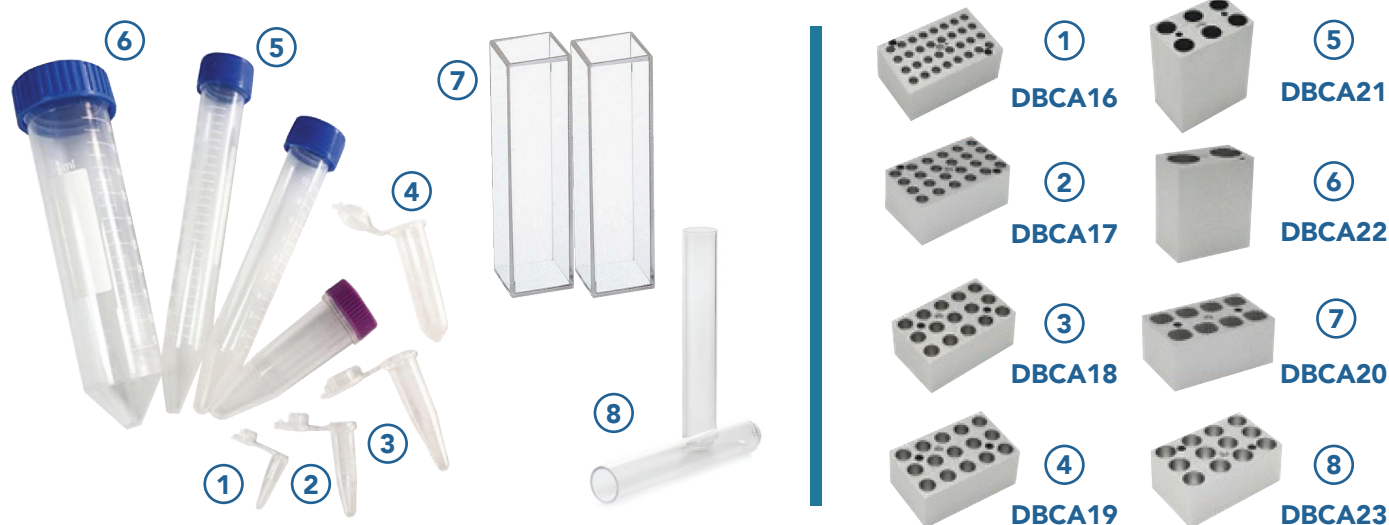


	DBC-06A	DBC-05A
Temperature Control Range	RT-25°C ~ 100°C	RT-30°C ~ 100°C
Temperature Set Range	-10°C ~ 100°C	-10°C ~ 100°C
Heating Up Rate(20°C to 100°C)	≤ 15min	≤ 15min
Temperature Control Accuracy	±0.3°C	±0.3°C
Temperature Stability @40°C	±0.3°C	±0.3°C
Temperature Stability @100°C	±0.3°C	±0.3°C
Display Accuracy	0.1°C	0.1°C
Timer	1-99h, 1-99m, 1-99s	1-99h 59m
Max. Temperature	100°C	100°C
Max. Power	120W	130W
Cooling Down Rate	≤ 30min 100 - 25°C ≤ 30min RT - 20°C	≤ 30min 100 - 25°C ≤ 30min RT - 30°C (RT=26°C)
Weight	≤ 1.5kg	4.3kg
Dimensions (W×D×H)	4.3 x 6 x 5.4in 110 x 153 x 137mm	8.7 x 11.8 x 6.7in 220 x 300 x 170mm
Power Input	100 to 240V, 50/60Hz or 12V DC	AC100 ~ 120V / AC200 ~ 240V, 50/60Hz

## Accessories for DBC-06A Heating/Cooling Mini Dry Bath

### BLOCKS FOR DBC-06A MINI DRY BATH

#### Types/Sizes of Laboratory Tubes



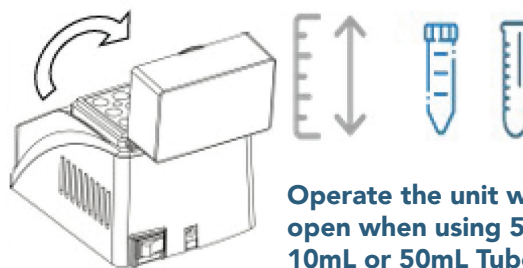
Refer to the numbers next to each block to see which tubes are suitable

- 1 0.2mL tube
- 2 0.5mL tube
- 3 1.5mL tube
- 4 2.0mL tube
- 5 10mL Tube
- 6 15mL tube
- 7 50mL tube
- 8 Cuvette
- 9 5mL tube

Block Number	Tube Type	Tube Capacity	Well Dimension (DxH)
DBCA16	0.2mL Tube	32	.24 x .67in / 6.1 x 17mm
DBCA17	0.5mL Tube	24	.31 x .90in / 8 x 23mm
DBCA18	1.5mL Tube	15	.43 x 1.22in / 10.8 x 31mm
DBCA19	2.0mL Tube	15	.43 x 1.22in / 10.8 x 31mm
DBCA20	Cuvette	8	-
DBCA21	15mL Tube	6	.67 x 3.85in / 16.9 x 98mm
DBCA22	50mL Tube	2	1.16 x 3.54in / 29.5 x 90mm
DBCA23	5mL Tube	12	.53 x 1.18in / 13.5 x 30mm



The hinged lid of the unit cannot be removed.



Operate the unit with lid open when using 5mL, 10mL or 50mL Tubes.

## Accessories for DBC-05A Heating/Cooling Dry Bath

### LIDS AND BLOCKS FOR DBC-05A DRY BATH

#### Types/Sizes of Laboratory Tubes






Refer to the numbers next to each block to see which tubes are suitable

- 1 0.2mL tube
- 2 0.5mL tube
- 3 1.5mL tube
- 4 2.0mL tube
- 5 10mL Tube
- 6 15mL tube
- 7 50mL tube
- 8 Flat Bottom Plate
- 9 2.0mL Vials
- 10 5mL Tubes

### OPTIONAL BLOCKS

DBCA01	DBCA02	DBCA03	DBCA04	DBCA05	DBCA06
 96 x 0.2mL PCR Plate .26 x .63in / 6.7 x 16mm	 54x0.5mL Tubes .31 x .91in / 8 x 23mm	 35x1.5mL Tubes .43 x 1.2in / 10.8 x 31mm	 35x2.0mL Tubes .43 x 1.2in / 10.8 x 31mm	 20 x 0.5mL + 15 x 1.5mL Tubes	 24 x 2.0mL Vials .47 x 1.2in
DBCA07	DBCA08	DBCA09	DBCA10	DBCA11	DBCA12
 32 x 0.2mL + 25 x 1.5mL Tubes	 32 x 0.2mL + 10 x 0.5mL + 15 x 1.5mL Tubes	 32 x 0.2mL + 10 x 0.5mL + 15 x 2.0mL Tubes	 4.1 x 2.6 x 1.2in / 103 x 67 x 30mm Reservoir	 96 x 0.2mL Elisa Plate Flat Bottom	 24 x 5mL .53 x 1.2in / 13.5 x 30mm
DBCA13	DBCA14	DBCA15			
 12 x 15mL .67 x 3.9in / 16.9 x 98mm	 6 x 50mL 1.2 x 3.5in / 29.5 x 90mm	 12x10mL .63 x 2.6in / 15.9 x 65mm			

### OPTIONAL LIDS

DBCL01	DBCL02	DBCL03
		
6 x 4.4 x 1.8in 152 x 113 x 45mm For DBCA01-10	5.7 x 4.1 x 2.5in 145 x 105 x 62.5mm For DBCA11-12	5.7 x 4.1 x 4.8in 145 x 105 x 122.5mm For DBCA13-15