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

2-Year Replacement Warrenty

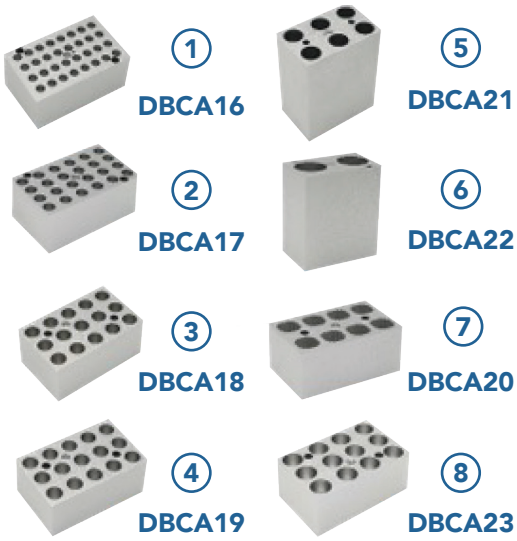
	DBC-06A	DBC-05A
Temperature Control Range	RT-25°C ~ 100°C	RT-30°C ~ 100°C
Temperature Set Range	-10°C ~ 100°C	-10°C ~ 100°C
Heating Up Rate (20°C to 100°C)	≤ 15min	≤ 15min
Temperature Control Accuracy	±0.3°C	±0.3°C
Temperature Stability @40°C	±0.3°C	±0.3°C
Temperature Stability @100°C	±0.3°C	±0.3°C
Display 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

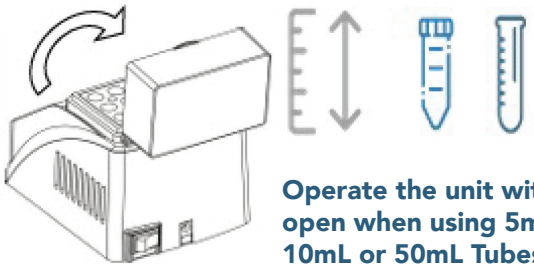
1 0.2mL tube
2 0.5mL tube
3 1.5mL tube
4 2.0mL tube
5 10mL Tube
6 15mL tube
7 50mL tube
8 Cuvette
9 5mL tube

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

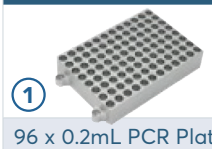
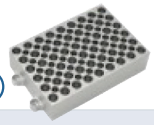
Types/Sizes of Laboratory Tubes



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