

# 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

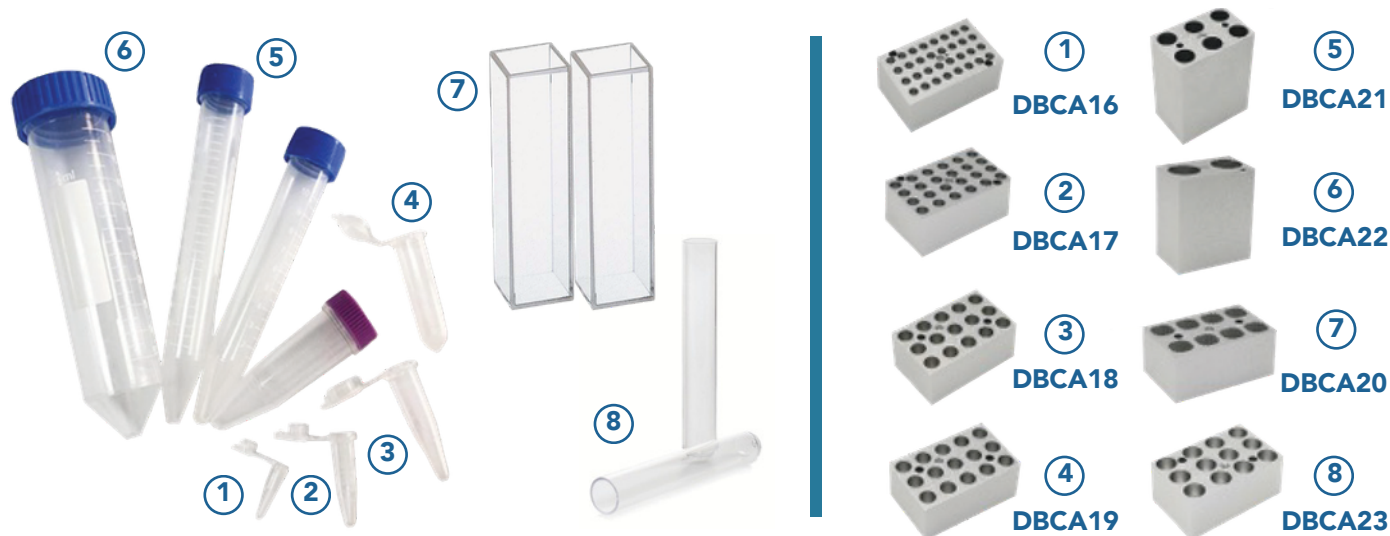


|                                | DBC-06A                                 | DBC-05A                                           |
|--------------------------------|-----------------------------------------|---------------------------------------------------|
| Temperature Control Range      | RT-25°C ~ 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<br>≤ 30min RT - 20°C | ≤ 30min 100 - 25°C<br>≤ 30min RT - 30°C (RT=26°C) |
| Weight                         | ≤ 1.5kg                                 | 4.3kg                                             |
| Dimensions (W×D×H)             | 4.3 x 6 x 5.4in<br>110 x 153 x 137mm    | 8.7 x 11.8 x 6.7in<br>220 x 300 x 170mm           |
| Power Input                    | 100 to 240V,<br>50/60Hz or 12V DC       | AC100 ~ 120V / AC200 ~ 240V,<br>50/60Hz           |

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

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

#### Types/Sizes of Laboratory Tubes

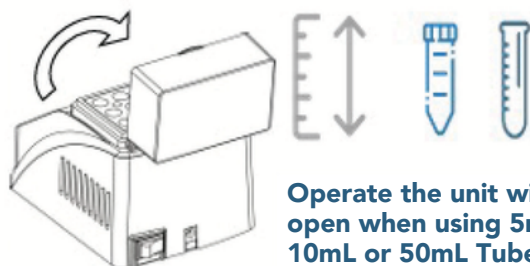


Refer to the numbers next to each block to see which tubes are suitable

- 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  | TubeCapacity | 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

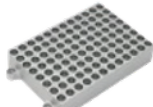
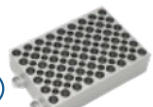
### Types/Sizes of Laboratory Tubes



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                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <br>1<br>96 x 0.2mL PCR Plate<br>.26 x .63in /<br>6.7 x 16mm | <br>2<br>54x0.5mL Tubes<br>.31 x .91in / 8 x 23mm              | <br>3<br>35x1.5mL Tubes<br>.43 x 1.2in / 10.8 x<br>31mm        | <br>4<br>35x2.0mL Tubes<br>.43 x 1.2in / 10.8 x<br>31mm  | <br>2 3<br>20 x 0.5mL +<br>15 x 1.5mL Tubes     | <br>9<br>24 x 2.0mL Vials<br>.47 x 1.2in            |
| DBCA07                                                                                                                                         | DBCA08                                                                                                                                           | DBCA09                                                                                                                                           | DBCA10                                                                                                                                      | DBCA11                                                                                                                              | DBCA12                                                                                                                                  |
| <br>1 3<br>32 x 0.2mL +<br>25 x 1.5mL Tubes                 | <br>1 2 3<br>32 x 0.2mL +<br>10 x 0.5mL +<br>15 x 1.5mL Tubes | <br>1 2 4<br>32 x 0.2mL +<br>10 x 0.5mL +<br>15 x 2.0mL Tubes | <br>4.1 x 2.6 x 1.2in /<br>103 x 67 x 30mm<br>Reservoir | <br>8<br>96 x 0.2mL Elisa Plate<br>Flat Bottom | <br>10<br>24 x 5mL<br>.53 x 1.2in /<br>13.5 x 30mm |
| DBCA13                                                                                                                                         | DBCA14                                                                                                                                           | DBCA15                                                                                                                                           |                                                                                                                                             |                                                                                                                                     |                                                                                                                                         |
| <br>6<br>12 x 15mL<br>.67 x 3.9in /<br>16.9 x 98mm          | <br>7<br>6 x 50mL<br>1.2 x 3.5in /<br>29.5 x 90mm             | <br>5<br>12x10mL<br>.63 x 2.6in /<br>15.9 x 65mm              |                                                                                                                                             |                                                                                                                                     |                                                                                                                                         |

## OPTIONAL LIDS

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