

# Chilling/Heating Dry Bath

## DC10



### Description:

- ◆ The DC10 Chilling/Heating Dry Bath is compact, versatile, reliable and easy to use. It is adopted high quality Peltier plate to ensure long-term stable operation and controlled can be widely used in preservation and reaction of samples, DNA amplification, electrophoresis denaturation and serum solidification, etc.

#### Applications:

- ◆ Maintaining 14°C for ligation reactions.
- ◆ Maintaining 17°C for storing oocytes.
- ◆ Storing samples at ice bucket temperatures.
- ◆ Storing enzymes or DNA libraries at your work station.
- ◆ Transporting samples from the field at exactly the right temperature.
- ◆ Chilling or heating samples in the field.
- ◆ Enzyme reactions and deactivations.
- ◆ Freezing and storing most any small sample at your work station.
- ◆ PCR sample preparation.

### Features:

- ◆ Energy-efficient Peltier design.
- ◆ Automatic fault detection and buzzer alarm function.
- ◆ Electronic calibration. User can reset to any local standard.
- ◆ Small, compact size uses very little bench space.
- ◆ Easy replacement, cleaning and disinfecting of metal blocks.
- ◆ Built-in over-temperature protection.
- ◆ Internal power supply provided is UL, CSA and CE approved.
- ◆ Customized modules are accepted.
- ◆ Buzzer alarm when temperature control ends.
- ◆ 12-month warranty.

#### Parameters:

Project	Parameters
Temp setting range	-10°C~100°C
Time range	1min ~ 99h59min/∞
Display accuracy	0.1°C
Heating time	≤12min (from 25°C to 100°C)*
AUTO-4°C	Yes*
Multi points running	Yes(Max 5 points)
Auto running	Yes
Auto resume to run	Yes
Power input	AC110~220V/50-60HZ
Size(mm)	260x195x150 mm

Test condition : Rt 25°C±2°C, block is 1.5ML\*35, use mercurial thermometer, accuracy is ±0.1°C.

#### Optional Blocks:

Type	Test tube and aperture
MD30	96×0.2ml
MD31	54×0.5ml
MD32	35×1.5ml
MD33	35×2.0ml
MD34	15×0.5ml+20×1.5ml

Project	Parameters
Temp control range	Below room temp 30°C~100°C
Temp accuracy	±0.3°C*
Temp uniformity	±0.3°C*
Cooling time	≤10min (from 100°C to 25°C)*
Cooling time	≤25min (from room temp to blow it 30°C)*
Multi cycle	Yes(Max 99 times)
Auto heating	Yes
Power	150W
Fuse	250V 3A Φ5×20
Weight	4.5Kg
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Type	Test tube and aperture
MD35	96×0.2ml(elisa plate)
MD36	24×5ml
MD37	15×10ml
MD38	12×15ml
MD39	6×50ml



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