



# Thermal Control

## Digital Dry Bath

The microprocessor controlled Digital Dry Baths offer control over both temperature and time, eliminating the need for an external thermometer or timer.

Used to thaw, boil, incubate and warm samples for different applications in molecular biology, assay preparation, tissue/cell culture, biochemistry, genetics, histology, clinical, environmental and industrial laboratories.

Dry bath provides precise temperature for various experiments. Thermo mix also has mixing function, and widely used in various fields such as molecular biology and cell biology, including gene synthesis, gene purification, gene cloning, gene expression, protein expression analysis, enzyme reaction, bacterial growth and so on.

## List of DLAB models:

Model	Image	Function	Temp. Setting Range	Mixing speed	Blocks	Page
HB60-S		Heating	25°C,30°C, 37°C,45°C,60°C	-	5mL × 30+15mL × 8	p.32
HB120-S		Heating	25°C-120°C	-	0.2mL × 54 0.5mL × 40 1.5/2mL × 40 5/15mL × 28 5mL blood collection tube × 45 50mL × 8 (0.2mL+0.5mL+1.5/2mL) × 18 0.2mL × 96 Microplate Bead/water bath	p.32
HB105-S1/ S2		Heating	25°C-105°C	-	0.2mL × 30 0.5mL × 20 1.5mL × 20 2mL × 20 15mL × 12 50mL × 4 Bead/water bath	p.32
HB150-S1/ S2		Heating	25°C-150°C	-		p.32
H100-Pro		Heating	25°C-100°C	-	0.5mL × 24 1.5mL × 24 2mL × 24 5mL × 5 15mL × 8 50mL × 4 0.2mL × 96 Microplate	p.33
HC110-Pro		Heating&Cooling	-5°C-110°C	-		p.37
HCM100-Pro		Heating& Cooling&Mixing	0°C-100°C	200-1500rpm		p.36
HM100-Pro		Heating&mixing	15°C-100°C	200-1500rpm		p.36
Mini H100		Heating	25°C-100°C	-	0.2mL × 40 0.5mL × 24 1.5mL × 15 2mL × 15 5mL × 6 15mL × 4 50mL × 2	p.35
Mini HC100		Heating&Cooling	0°C-100°C	-		p.35
Mini HCL100		Heating&Cooling	0°C-100°C	-		p.35
DWB20-S		Heating	25°C-80°C	-	20L	p.39

# DLAB Dry Bath Series

Small footprint. Rapid & accurate temperature control. Overheating protection.  
Accommodates various types of tube holders to meet every lab need.  
HB105-S1 / HB105-S2 / HB150-S1 / HB150-S2 / HB120-S / HB60-S / H100-Pro /



HB105-S1



HB105-S2



HB150-S1



HB150-S2



HB120-S



HB60-S



MiniHCL100



H100-Pro

## Features

- Accurate and uniform temperature control
- Digital control and display of time and temperature
- Wide range of temperature control for different applications
- Monitor temperature in real-time, and set timer
- Wide range of heating blocks compatible with most popular lab tubes
- Overheating protection ensures sample and user safety
- Equipped with a lid for heat preservation, and preventing pollution
- User-friendly setting knob for easy and simple operation





## HB105-S1 HB105-S2 HB150-S1 HB150-S2

**Durable, reliable safe and convenient to use**

## Features

- Single and double heat block modules available
- Highest temperature up to 150 °C
- Buzzer function allows accurately monitor the heating time
- External temperature sensor PT1000,
- Historical data tracing via USB interface



## HB120-S / HB60-S

**Easy to use, safe and durable**

## Features

- Low profile - space saving design
- Timer function support available
- Discrete heating temperature levels: 25 °C, 30 °C, 37 °C, 45 °C, 60 °C (HB60-S)
- 5/10mL × 38 dual purpose heating block (HB60-S)