



PCM100-Pro

DRY BATH WITH COOLING

Introduction

TOP INSTRUMENT Dry Baths with Cooling implement precise and efficient heating and mixing, with excellent temperature accuracy and uniformity, offering a wide range of applications, such as gene synthesis, gene purification, gene and protein denaturation, enzymatic reaction, bacterial culture, etc.

Features

- Clear and easy-to-read TFT screen.
- Excellent performance for temperature controlled mix-ing applications.
- Up to 9 user define programs.
- A wide range of heating blocks to accommodate tubes with different capacities.
- Aluminum heating blocks enhance heat transfer.
- Easily interchangeable blocks with magnetic adhesion and without any tools.
- A transparent plastic lid is available to better preserve the temperature.

Technical parameter

Functions	Heating, cooling & mixing
Temperature range	15 degrees below room temp. (No less than 0° C) - 100° C
Temperature control accuracy [@20-45° C]	± 0.5° C
Temperature setting range	0.1-100° C
Temperature uniformity [@20-45° C]	Max. ±0.5° C
Max. heating rate	5.5° C/min
Max. cooling rate	5° C imin (100° C-room temp.) 0.5° C/min (below room temp.)
Mixing speed	200-1500rpm
Mixing orbit	φ 3mm
Display	TFT
Memory	Up to 9 programs
Overheating protection	150° C
Heating block material	Aluminum
Voltage	100-240V, 50Hz/60Hz
Power	200W
Dimension [W*D*H] (without the heating block)	200*235*120mm
Weight	7.3kg

View Accessories

Cat.No.	Blocks	Speed	Capacity
18900401		1500rpm	24*0.5mL
18900402		1500rpm	24*1.5mL
18900403		1500rpm	24*2mL
18900404		1500rpm	8*5mL(round bottom)
18900405		1400rpm	8*5mL (cone bottom)
18900406		800rpm	8*15mL
18900407		600rpm	4*50mL
18900420		1500rpm	0.2mL*96 PCR plate
18900423		1500rpm	microplate