



Cycler 005

Half Full Size and High Performance Cycler



Key Features

- ① 1. Half Full Size and High Performance Cycler;
- ② 2. It can cycle sample between 4 to 99°C;
- ③ 3. DNA amplification and sequencing.

Product Description

Half Full Size and High Performance Cycler:

1. The Cycler 005 thermal cycler is gradient type of the Cycler 003, which accommodates 48 wells, but can run the gradient program;
2. The built internal gradient calculation function provides users very accurate prediction;
3. And the gradient function gives a good linearity across the well plate;
4. The adjustable heated lid (100°C to 115°C), designed to reduce the risk of sample evaporation, can be enabled or disabled;
5. The heated lid only comes on if the block is set above 35°C;
6. The powerful programming method makes users easily understand and straight forward;
7. Several frequent used methods have been created as templates for users creating even the most complicated protocols with ease;
8. The Cycler 005 is also equipped with calibration capability as described in Cycler 004.

Technical Specifications:

Temperature	
Temperature range	4°C to 99°C
Block uniformity	± 0.5°C
Temperature accuracy	± 0.5°C
End of program cooling below ambient	YES
Heating/Cooling Rate	
Maximum heating rate	4.5°C/sec
Maximum cooling rate	3°C/sec
Heated Lid	
Heated lid temperature	100°C to 115°C
Heated lid enable/disable	YES
Programming	
Program naming using alpha keys	YES
Program password protection	YES
Number of programs (3 step)	37
Dimensions	
Height	185 mm
Width	185 mm
Length	330 mm
Weight	6.8 Kg
Power	
AC INPUT	120V or 230V with Switch

① Ordering Information

Part Number	Product Description
Cyl-004-1	Cycler 004 thermal cycler for 48 x 0.2ml microtubes, 120V / 230V
Cyl-004-2	Cycler 004 thermal cycler for 30 x 0.5ml microtubes, 120V / 230V
Cyl-10	Cycler 004 Block for 48 x 0.2ml microtubes
Cyl-11	Cycler 004 Block for 30 x 0.5ml microtubes

