



Gradient Thermal Cycler (BL-96WGP)

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## Gradient Thermal Cycler (BL-96WGP)



Biolinkk BL-96WGP Gradient PCR Instrument is a compact and user-friendly device designed for efficient gene amplification. It offers precise temperature control, a gradient function for optimization, and convenient touchscreen operation.



### Highlights

- ◆ Precise temperature control and gradient function
- ◆ User-friendly touchscreen interface
- ◆ Compact and efficient design
- ◆ Suitable for various applications in molecular biology

The Biolinkk BL-96WGP Gradient PCR Instrument is a versatile tool for molecular biology, criminal investigation, and disease research. It features a 96-well PCR plate compatibility, a touch pen for intuitive control, and a modern design. The instrument offers a hot lid with adjustable temperature settings, a gradient calculator for optimizing PCR conditions, and easy software updates via USB. With a wide temperature gradient range and high-quality semiconductor technology, the BL-96WGP delivers reliable and efficient amplification results.



### Features

- ◆ 30°C gradient range for protocol optimization
- ◆ High-quality semiconductor for excellent amplification
- ◆ Gradient optimization for optimal conditions in a single run
- ◆ 5-inch touchscreen for easy editing and operation
- ◆ Max. heating/cooling rates of 4.5°C/s
- ◆ Hot lid with adjustable temperature settings
- ◆ Built-in gradient calculator
- ◆ USB-based software updates
- ◆ Compatibility with 96-well PCR plates and touch pen

It can be used with 96-well PCR plate



Can be used with touch pen





## Specifications

Model	BL-96WGP
Single step time	1-59m59s(0 is forever)
Program max. cycle nu	99
Sample capacity	96*0.2ml
Max. heating rate	4.5°C/s
Max. cooling rate	4°C/S
Temp, uniformity	±0.25°C
Temp, accuracy	±0.20°C
Temp, display resolution	0.1 °C
Temp, control method	Block/Tube
Gradient temp, uniformity	±0.3°C
Gradient temp, accuracy	±0.3°C
Gradient temp, range	30-99.9°C
Gradient temp difference range	0.1~30°C
Hot cover temp, range	30-110°C
Max. steps of the program	30
Temp, range	4-99.9°C(Constant temperature4°C)
Time increment/decrement	-599~+599s
Temp, increase/decrease	-9.9~+9.9°C
Program pause function	Yes
16°C Insulation	Forever
LCD	5 inch. 800x480 Pixel
Program storage quantity	>1000
Communication Interface	USB 2.0
Input power	100-240V AC6.6-3.1A 50/60HZ
Dimensions	W.185xD.280xH. 160mm
Net weight	4.3kgs



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