



## 96-Well PCR Microplate Centrifuge (BL-980)

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The BL-980 is a specialized centrifuge designed to effectively spin down 96-well microplates before and after placement in a thermal cycler. Its purpose is to ensure all sample material settles at the well's bottom, optimizing conditions for thermal cycling. Capable of accommodating two plates simultaneously, it also supports balanced placement of 384-well microplates for added versatility. This centrifuge is tailored for quick spins of samples in PCR plates, accepting various well plate types and small volumes.



### Highlights

- ◆ **Purpose:** Spin down 96-well microplates for thermal cycler preparation.
- ◆ **Capacity:** Holds two plates, compatible with 384-well microplates.
- ◆ **Plate Compatibility:** Skirted, non-skirted, and semi-skirted well plates.
- ◆ **Efficiency:** Quick spins for PCR plate samples.

The BL-980 96-Well PCR Microplate Centrifuge serves as an essential tool for laboratories working with PCR applications. Its primary function involves the rapid spinning down of 96-well microplates, streamlining the process preceding and following their use in thermal cyclers. By ensuring optimal settling of sample material at the well's base before initiating thermal cycler conditions, this centrifuge significantly enhances experimental consistency and accuracy.

This model's rotor configuration allows for the accommodation of two plates simultaneously. Additionally, when appropriately balanced, it supports the use of 384-well microplates, amplifying its utility for diverse experimental setups.

Engineered for convenience and compatibility, it accepts skirted, non-skirted, and semi-skirted well plates, accommodating various plate types commonly used in PCR workflows. Its focus on small volumes and PCR plate samples ensures efficient processing, meeting the specific demands of molecular biology and related fields.



### Features

- ◆ **Ease of Use:** Intuitive interface with real-time display of operational information.
- ◆ **Motor Performance:** DC brushless motor for low noise and minimal interference.
- ◆ **Maintenance:** Minimal maintenance requirements for hassle-free operation.
- ◆ **Safety:** Automatic stop when the cap is opened, ensuring user safety.
- ◆ **Speed Control:** Rapid acceleration from standstill to maximum speed.
- ◆ **Braking:** Short braking time from the highest speed to a complete stop, optimizing efficiency and workflow.





## Specifications

Model	BL-980
Rotating Speed	2200-2800 RPMs
Timing Range	15sec- 1min59sec
Max Force (RCF)	550 x g
Acceleration Time	≤10sec (0 to 2800 RPM)
Brake Time	≤4sec (2800 to 0 RPM)
Lid Open Auto Stop?	Yes
Short Run?	Yes
Capacity	2 PCR plates
Power	45W
Voltage (V/Hz)	110 / 60
Fuse	250V / 3A $\Phi$ 5×20
Dimensions (LxHxW)	260x240x226 mm
Weight (Kg)	3.3



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