

# THERMAL CYCLER PCR49-100C2



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Thermal Cyclers have become an essential tool for DNA amplification, and are considered by many as the workhorse of the laboratory. It provides outstanding performance in a compact and user friendly design. Better performance, efficiency and faster optimization makes it a perfect choice for any laboratory.

Used in Life Science, Animal Diagnostics, Incubation, Research, Development, Food Science, Pharmaceutical, Analytical Laboratories, Molecular biology, Gene amplification, Gene Expression.

Also known as Laboratory Mini PCR, Mini PCR Machine, Laboratory Mini PCR Machine.

## PCR49-100C2 THERMAL CYCLER

Energy efficient and portable

User friendly and has simple interface

High sensitivity as low as one copy

It has 2 channels SYBR / FAM, ROX / Texas Red

It is compatible with most commercial reagents



## SPECIFICATIONS

| Model                           | PCR49-100C2                 |
|---------------------------------|-----------------------------|
| Sample Capacity                 | 16x0.2 ml(4x4 layout)       |
| Temperature Range               | 4~100°C                     |
| Temperature Increment/Decrement | 0.1~10.0°C                  |
| Hold at 4°C                     | Forever                     |
| Max. ramp rate                  | 0.1°C~5°C                   |
| Max Heating Rate                | 5°C                         |
| Max Cooling Rate                | 4°C                         |
| Display Interface               | LCD, 5', 800x480, 65K color |
| Display Resolution              | 0.1°C                       |
| Uniformity                      | ≤±0.2°C                     |
| Accuracy                        | ≤±0.2°C                     |
| Hot Lid Temperature             | 30°C~110°C                  |
| Max.No.of Cycle                 | 100                         |
| Program Storage                 | 10000+(USB Flash)           |
| Max Program Steps               | 30                          |
| Communication                   | USB2.0 , WIFI               |
| Tube                            | 0.2 ml single tube          |
| Temp Control Mode               | Block, tube                 |
| Time Increment/Decrement        | 1 sec ~600 sec              |
| Pause Function                  | Yes                         |
| Auto Data Protection            | Yes                         |

|                     |                         |
|---------------------|-------------------------|
| PC Operation system | Yes                     |
| Dimension (WxDxH)   | 190x267x115 mm          |
| Power               | 120 W                   |
| Weight              | 3 kg                    |
| Power Supply        | Ac 220 V, 50 Hz, 200 VA |



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