

# mini16 thermal cycler

QP-1016-01

## TECHNICAL SPECIFICATIONS



|                                   |                                                   |
|-----------------------------------|---------------------------------------------------|
| <b>SAMPLE CAPACITY</b>            | 2 X 8 X 0.2 ML PCR TUBES (STRIP COMPATIBLE)       |
| <b>MAX HEATING RAMP RATE</b>      | 2.4°C / SEC                                       |
| <b>MAX COOLING RAMP RATE</b>      | 1.7°C / SEC                                       |
| <b>TEMPERATURE RANGE</b>          | AMBIENT - 99°C                                    |
| <b>TEMPERATURE ACCURACY</b>       | ± 0.5°C                                           |
| <b>HEATED LID</b>                 | INDEPENDENT LID HEATER UP TO 120°C                |
| <b>ADJUSTABLE LID</b>             | COMPATIBLE WITH FLAT OR DOMED CAPS                |
| <b>THERMAL ELEMENTS</b>           | RESISTIVE HEATING; ASSISTED COOLING               |
| <b>THERMAL CONTROL</b>            | EMBEDDED THERMISTORS, PID ALGORITHM               |
| <b>PROGRAMMING MODES</b>          | HEAT BLOCK, PCR, LINEAR RAMP AND FLEX             |
| <b>PROGRAM SHARING AND BACKUP</b> | UNLIMITED LIBRARIES, .PLF FILE                    |
| <b>INTERFACE</b>                  | WINDOWS, MAC, iOS, ANDROID, CHROME COMPATIBLE     |
| <b>COMMUNICATION</b>              | BLUETOOTH LOW ENERGY AND USB A                    |
| <b>INTERNAL MEMORY</b>            | RUNS LAST STORED PROGRAM AT POWER ON              |
| <b>DIMENSIONS</b>                 | 2" X 5" X 4" (5.1 CM X 12.7 CM X 10.2 CM) APPROX. |
| <b>WEIGHT</b>                     | 1.1 LB (498 G)                                    |
| <b>POWER SUPPLY</b>               | AC 100-240 V, 50-60 HZ, 90 W                      |
| <b>BATTERY POWER</b>              | OPTIONAL LI-ION 20000 mAh MINIPCR™ POWER PACK     |

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