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Link do produktu: <http://www.novazym.sklep.pl/k160-thermal-cycler-p-3788.html>



## K160 Thermal Cycler

### Opis produktu

## K160 Thermal Cycler



- It is small-sized and easy to program with an intuitive user interface?
- The lid adopts the high temperature resistant material and applicable to various types of test tube.
- Memory function in case of power-down.
- Two control mode? PCR control through the PC operating software
- It is benefit for students to understand with the animation presentation capabilities of the PC operating software.
- Achieve circulation nesting

| Model                           | T960                                                                              | B960                                                                              | K960                                                                              | KF960                                                                              | K640                                                                                | K160                                                                                |
|---------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Appearance                      |  |  |  |  |  |  |
| Block Formats                   | 96×0.2ml(A), 54×0.5ml(B), 96×0.2ml+77×0.5ml(C), 384well(D)                        |                                                                                   |                                                                                   |                                                                                    | 64×0.2ml(A), 36×0.5ml(B)                                                            | 30×0.2ml(A), 9×0.5ml(B), 16×0.2ml+9×0.5ml(C)                                        |
| Temp Range                      | 0°C~99.9°C                                                                        | 0°C~99.9°C                                                                        | 0°C~99.9°C                                                                        | 0°C~99.9°C                                                                         | 4°C~99.9°C                                                                          | 0°C~99.9°C                                                                          |
| Display Interface               | 7"LCD                                                                             | 5.7"LCD                                                                           | 5.7"LCD                                                                           | 5.7"LCD                                                                            | 4.3"LCD                                                                             | 12864LCD                                                                            |
| Max.Heating Ramp Rate           | 5.0°C/s                                                                           | 4.5°C/s                                                                           | 4.0°C/s                                                                           | 4.0°C/s                                                                            | 2.5°C/s                                                                             | 2.0°C/s                                                                             |
| Max.Cooling Ramp Rate           | 5.0°C/s                                                                           | 4.0°C/s                                                                           | 3.5°C/s                                                                           | 3.5°C/s                                                                            | 2.5°C/s                                                                             | 2.0°C/s                                                                             |
| Heating/Cooling adjustable rate | 0.1°C/s~4.0°C/s                                                                   | 0.1°C/s~4.0°C/s                                                                   | 0.1°C/s~4.0°C/s                                                                   | 0.1°C/s~4.0°C/s                                                                    | -                                                                                   | -                                                                                   |
| Uniformity                      | ±0.2°C                                                                            | ±0.2°C                                                                            | ±0.2°C(20~75°C)                                                                   | ±0.2°C(20~75°C)                                                                    | -                                                                                   | ±0.3°C(20~75°C)                                                                     |
| Accuracy                        | ±0.1°C                                                                            | ±0.1°C                                                                            | ±0.2°C                                                                            | ±0.2°C                                                                             | ±0.2°C                                                                              | ±0.2°C                                                                              |
| Gradient Temp Range             | 30~99°C                                                                           | 30~99°C                                                                           | 30~99°C                                                                           | -                                                                                  | -                                                                                   | -                                                                                   |
| Thermal Gradient Span           | 1~30°C                                                                            | 1~30°C                                                                            | 2~30°C                                                                            | -                                                                                  | -                                                                                   | -                                                                                   |
| Gradient Uniformity             | ≤0.2°C(single row)                                                                | ≤0.2°C(single row)                                                                | ≤0.2°C(single row)                                                                | -                                                                                  | -                                                                                   | -                                                                                   |
| Hot Lid Temp                    | 20~110°C                                                                          | 20~110°C                                                                          | 30~115°C                                                                          | 30~115°C                                                                           | -                                                                                   | -                                                                                   |
| Temp Control Mode               | Block,tube*                                                                       | Block,tube*                                                                       | Block,tube                                                                        | Block,tube                                                                         | Block                                                                               | Block                                                                               |
| Memory Capacity                 | 2000**                                                                            | 1000**                                                                            | 200                                                                               | 200                                                                                | 9                                                                                   | 3                                                                                   |
| Max.No.of Cycle                 | 999                                                                               | 999                                                                               | 99                                                                                | 99                                                                                 | 99                                                                                  | 99                                                                                  |
| Communication                   | USB2.0/RS 232/RJ45                                                                | USB2.0/RS 232/RJ45                                                                | USB2.0/RS 232                                                                     | USB2.0/RS 232                                                                      | -                                                                                   | Serial port                                                                         |
| Intelligent Diagnosis           | 108                                                                               | 108                                                                               | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| Size(W×D×H,mm)                  | 380×270×250                                                                       | 380×270×250                                                                       | 380×270×250                                                                       | 380×270×250                                                                        | 370×260×290                                                                         | 160×140×120                                                                         |
| Weight(kg)                      | 8.1                                                                               | 7.8                                                                               | 7.2                                                                               | 7.2                                                                                | 4.9                                                                                 | 2.2                                                                                 |