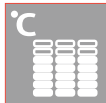


Thermo Cycler



Specifications

|                                        | TC1000-G                                                             | TC1000-S                                                             |
|----------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Sample Capacity                        | 96X0.2mL PCR tube,<br>8X12 PCR plate or 96 well plate                | 96X0.2mL PCR tube,<br>8X12 PCR plate or 96 well plate                |
| Heating Temperature Range              | 4~105°C                                                              | 4~105°C                                                              |
| Lid Temperature Range                  | 30~110°C                                                             | 30~110°C                                                             |
| Temperature Display Accuracy           | 0.1°C                                                                | 0.1°C                                                                |
| Temperature Control Accuracy [at 55°C] | ±0.3°C                                                               | ±0.3°C                                                               |
| Temperature uniformity[at 55°C]        | <0.3°C                                                               | <0.3°C                                                               |
| Max. Heating/Cooling Rate              | 3°C/Sec                                                              | 3°C/Sec                                                              |
| Gradient Temperature Setting Range     | 30~99°C                                                              | -                                                                    |
| Gradient Range                         | 1~42°C                                                               | -                                                                    |
| Adapter block material                 | aluminum                                                             | aluminum                                                             |
| Display                                | 7" 800x480mm LCD                                                     | 7" 800x480mm LCD                                                     |
| Input                                  | Touch panel                                                          | Touch panel                                                          |
| User defined file system               | 30 segments 99 cycle max.<br>16 folder and 16 files each folder max. | 30 segments 99 cycle max.<br>16 folder and 16 files each folder max. |
| Power off protection                   | yes                                                                  | yes                                                                  |
| Power Supply                           | 100~120V/200~240V,50/60Hz                                            | 100~120V/200~240V,50/60Hz                                            |
| Dimension[WxDxH]                       | 280x370x250 mm                                                       | 280x370x250 mm                                                       |
| Weight                                 | 11kg                                                                 | 11kg                                                                 |



Excellent temperature uniformity



Gradient function



LCD touch panel



Excellent temperature accuracy

Dry Bath



HB120-S

Dry bath

Features:

- A wide range of temperature control up to 120°C
- Timer function support is available
- Various types of optional blocks are available
- Overheating protection
- Lid for protection and heat preservation

Specifications

|                              | HB120-S                     |
|------------------------------|-----------------------------|
| Functions                    | Heating                     |
| Temperature range            | Room temp.~120°C            |
| Temperature control accuracy | ± 0.5°C                     |
| Temperature uniformity       | ± 0.5°C                     |
| Max heating rate             | 5.5°C/min                   |
| Timer                        | 1min~99h59min               |
| Screen                       | LED                         |
| Overheating protection       | 140°C                       |
| Adapter block material       | aluminum                    |
| Voltage, Frequency           | 100~120V/220~240V,50Hz/60Hz |
| Power                        | 160W                        |
| Dimension[WxDxH ]            | 95x150x50mm                 |
| Weight                       | 3kg                         |

Cat.No.

Block types

Capacity

Diameter  
Depth

|                                          |  |                                 |                 |
|------------------------------------------|--|---------------------------------|-----------------|
| 18900218                                 |  | 0.2mLx54                        | 6.4mm<br>15mm   |
| 18900219                                 |  | 0.5mLx40                        | 8.2mm<br>26.4mm |
| 18900253<br>(1.5ml)<br>18900220<br>(2ml) |  | 1.5/2mLx40                      | 11mm<br>34.7mm  |
| 18900221                                 |  | 5/15mLx28                       | 17mm<br>48mm    |
| 18900222                                 |  | 50mLx8                          | 29.8mm<br>48mm  |
| 18900224                                 |  | 0.2mL+0.5mL+1.5/2mL<br>18+18+18 | -               |
| 18900223                                 |  | 96 or 384 well plate            | -               |



Adapter block selection



Overheating protection



Timer



LED display

