

# Trio Block Thermal Cyclers TCM-4005T



## Description

Trio Block Thermal Cyclers TCM-4005T equipped with three independent blocks in one instrument. Both multiuser environments, as well as users with lower sample numbers but different samples, will enjoy this model.

The three-block design and the specific Temperature Optimisation Step function support the fast optimization of ideal annealing temperatures with Fast Ramping and Best Accuracy, high-performance sample blocks.

## Technical:

| Model                     | TCM-4005T                                | TCM-4010T  |
|---------------------------|--|------------|
| Capacity                  | 3x(32x0.2 ml)                            |            |
| Display                   | LCD, 8 inch, 800x600 pixels, TFT         |            |
| Temperature Range         | 0 to 100?                                |            |
| Number of Program         | 10000 +(USB FLASH)                       |            |
| Uniformity                | ?± 0.4?                                  | ?± 0.3?    |
| Accuracy                  | ?± 0.3?                                  | ?± 0.2?    |
| Resolution                | 0.1?                                     |            |
| Number of Cycle           | 100                                      |            |
| Number of Step            | 30                                       |            |
| Holding Temperature       | 4?                                       |            |
| Temperature Control       | Block\Tube                               |            |
| Heating Rate              | 4.5?/s                                   | 5?/s       |
| Cooling Rate              | 4?/s                                     |            |
| Ramping Rate Adjustable   | 0.1 to 4.5?                              | 0.1 to 5?  |
| Gradient Temp. Range      | 30 to 100?                               | 30 to 100? |
| Gradient Uniformity       | -  | -          |
| Gradient Spread           | -  | 1 to 30?   |
| Gradient Mode             | Independently set 3 gradient temperature | -          |
| Hot Lid Height Adjustable | Step less Adjustable                     |            |
| Hot Lid Temperature       | 30 to 110?                               |            |
| Connectivity              | USB 2.0, LAN                             |            |
| Temp Increment/Decrement  | 0.1 to 10.0?                             |            |
| Increase/Decrease in Time | 1 Sec to 600 Sec                         |            |
| Power consumption         | 600 W                                    |            |
| Overall Dimensions        | 390x270x255 mm                           |            |
| Net Weight                | 9 kg                                     |            |
| Electrical Requirements   | AC85 to 264 V , 47 63 Hz                 |            |
| Catalogue No.             | 620350503                                | 620351003  |

|                             |                       |
|-----------------------------|-----------------------|
| <b>Shipping:</b>            | 2 - 3 weeks Delivery. |
| <b>number_of_cycle:</b>     | 100                   |
| <b>gradient_temp_range:</b> | 30 to 100?            |
| <b>power:</b>               | -                     |

|                           |             |
|---------------------------|-------------|
| <b>resolution:</b>        | 0.1?        |
| <b>temperature_range:</b> | 0 to 100?   |
| <b>capacity:</b>          | 3(320.2 ml) |
| <b>model:</b>             | TCM-4005T   |

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