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1-Block Dry Bath Incubator

Features:

- LED display for easy reading
- 3D digital wheel adjustment of speed and temperature
- Adjustable temperature is up to 150°C
- High temperature stability is up to $\pm 0.2^{\circ}\text{C}$
- Machined aluminum heating unit allows for highly precise control of temperature
- Included PT1000 temperature sensor allows temperature control directly in the sample vessel.
- Adjustable timing range of 1min to 99h59min
- Fixed safety circuit
- Error code display
- Various applications with different blocks
- Automatic calibration with external PT1000 temperature sensor

Specifications:

Model	TC0401001
Number of blocks	1
Heat output [W]	165
Heating temperature range [°C]	room temp. +5° - 150
Temperature display	LED
Adjustment and display resolution [K]	0.1
Connection for ext. temperature sensor	DIN 12 878
PT 1000 variation; DIN EN 60751 Kl. A [K]	$\leq \pm (0,15 + 0,002 \times T)$
Temperature stability within the blocks $< 60^{\circ}\text{C} * [\pm^{\circ}\text{C}]$	0.2
Temperature stability within the blocks $> 60^{\circ}\text{C} * [\pm^{\circ}\text{C}]$	0.2
Temperature Uniformity $< 60^{\circ}\text{C} * [\text{K}]$	0.2
Temperature Uniformity $> 60^{\circ}\text{C} * [\text{K}]$	0.2
Heating rate / Heat up time with external sensor * [K/min]	5

Set-up plate material	Aluminium alloy
Set-up plate dimensions [mm]	96 x 76
Fixed safety circuit [°C]	180
Timer	yes
Time setting range	1min - 99h59min
Dimensions (W x H x D) [mm]	152 x 86 x 190
Weight [kg]	1.5kg
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	200 - 240 / 115
Frequency [Hz]	50/60
Power input [W]	165

Accessories:

Part No.	Description
TC0401001-35	single block, Eppendorf tubes, 20 x 1.5ml, Ø11.5mm x 36.9mm
TC0401001-54	single block, Conical tubes, 12 x 15ml, Ø17.1mm x 44.5mm
TC0401001-55	single block, vials, 6 x 50ml, Ø29.0mm x 47.6mm
TC0401001-60	single block, PCR tube, 30 x 0.5ml, Ø7.9mm x 27.6mm
TC0401001-61	single block, microtube combination, 6/10/5 x 0.5/1.5/2ml
TC0401001-62	single block, Microtubes, 20 x 1.5ml, Ø11.1mm x 39.1mm
TC0401001-63	single block, Eppendorf tubes, 20 x 2.0ml, Ø11.5mm x 38.1mm
TC0401001-64	single block, Corning tubes, 20 x 2.0ml, Ø10.9mm x 38.1mm
TC0401001-65	single block, test tube combination, 6/5/3 x 6/12/13/25mm
TC0401001-66	single block, centrifuge combination, 4/3/2 x 1.5/15/50ml
TC0401001-67	single block, Round tubes, 30 x 6mm, Ø8.3mm x 48.4mm
TC0401001-68	single block, Round tubes, 24x 10mm, Ø10.7mm x 48.4mm
TC0401001-69	single block, Round tubes, 16x 12/13mm, Ø13.9mm x 48.4mm

TC0401001-70	single block, Round tubes, 20x 12/13mm, Ø13.9mm x 48.4mm
TC0401001-71	single block, Round tubes, 12x 15/16mm, Ø17.5mm x 48.4mm
TC0401001-72	single block, Round tubes, 8x 20mm, Ø21mm x 48.4mm
TC0401001-73	single block, Round tubes, 6x 25mm, Ø26.2mm x 48.4mm
TC0401001-74	single block, Round tubes, 4x 35mm, Ø35mm x 47.6mm
TC0401001-75	single block, Round tubes, 12x 17/18mm, Ø19.1mm x 48.4mm
TC0401001-76	single block, vials, 20x 12mm, Ø12.7mm x 30mm
TC0401001-77	single block, vials, 20x 15mm, Ø15.8mm x 35mm
TC0401001-78	single block, vials, 12x 17mm, Ø17.8mm x 45mm
TC0401001-79	single block, vials, 12x 19mm, Ø19.7mm x 45mm
TC0401001-80	single block, vials, 9x 21mm, Ø21.7mm x 45mm
TC0401001-81	single block, vials, 8x 23mm, Ø23.8mm x 45mm
TC0401001-82	single block, vials, 8x 25mm, Ø25.8mm x 45mm
TC0401001-83	single block, vials, 6x 28mm, Ø28.8mm x 45mm
TC0401001-84	single block, vials, 15x 16mm, Ø16.4mm x 45mm
TC0401001-85	single block, 10x8 PCR tube strips, 0.2ml tubes
TC0401001-86	single block, 64 PCR tube strips, 0.2ml tubes
TC0401001-88	single block, 2x6 cuvettes, 12.5mm