

# DRY BATH INCUBATOR



# MINI DRY BATH INCUBATOR



## Features:

- Temperature is up to 100°C
- LED display for easy reading
- Various applications with different blocks
- High temperature precision is up to  $\pm 0.5^{\circ}\text{C}$
- Programmable operation can store up to 5 programs
- 3D digital wheel adjustment of speed and temperature
- Simultaneous display of set /actual time and temperature
- Low operation voltage (12v) can be used directly with car charger

## SPECIFICATIONS:

Model	TC0401005
Temperature control range [°C]	RT + 5°C~100°C
Timing range	0~99h59min
Temp. control accuracy [°C]	$\pm 0.5$
Display accuracy [°C]	$\pm 0.1$
Heating time (40°C to 100°C temp.)	$\leq 15$ min
Dimension (mm)	164 x 116 x 98
Net weight	0.9kg

## MINI DRY BATH INCUBATOR WITH HEATING LID



### Features:

- Heating lid
- LED display for easy reading
- Temperature is up to 100°C
- Various applications with different blocks
- High temperature precision is up to  $\pm 0.5^{\circ}\text{C}$
- Programmable operation can store up to 5 programs
- 3D digital wheel adjustment of speed and temperature
- Simultaneous display of set /actual time and temperature
- Low operation voltage (12v) can be used directly with car charger

### SPECIFICATIONS:

Model	TC0401006
Temperature control range [°C]	RT + 5°C~100°C
Timing range	0~99h59min
Temp. control accuracy [°C]	$\pm 0.5$
Display accuracy [°C]	$\pm 0.1$
Heating time (40°C to 100°C temp.)	$\leq 15$ min
Heating lid	✓
Dimension (mm)	164 x 116 x 98
Net weight	0.9kg



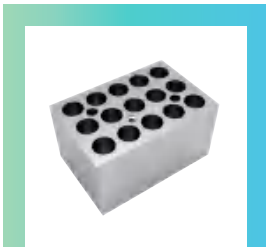
TC0401005-30  
24 x 0.5ml block



TC0401005-31  
40 x 0.2ml block



TC0401005-32  
15 x 1.5ml block



TC0401005-33  
15 x 2.0ml block



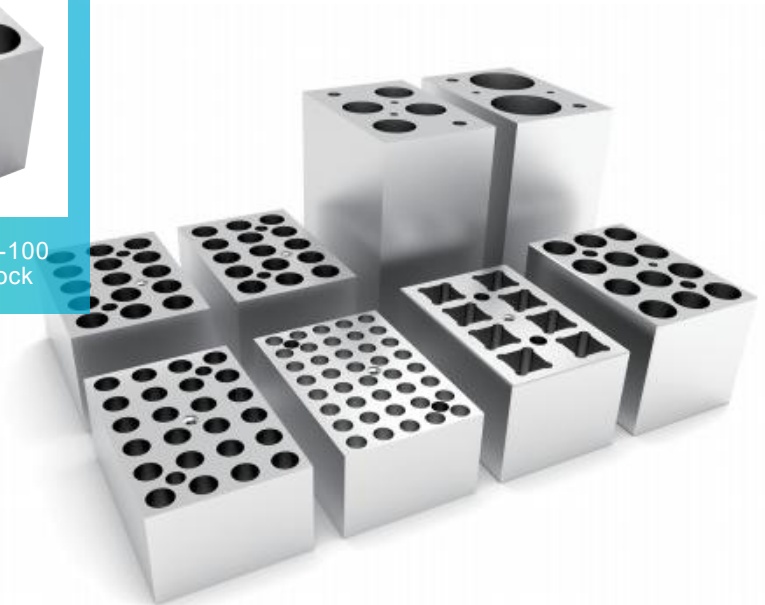
TC0401005-45  
8-12.5x12.5x32mm  
(used in cuvette)



TC0401005-46  
4 x 15ml block



TC0401005-100  
2 x 50ml block



# DRY BATH INCUBATOR



## Features:

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



## ACCESSORIES

Part No.	Description
TC0401001-35	single block, Eppendorf tubes, 20 x 1.5mL, $\Phi$ 11.5mm x 36.9mm
TC0401001-54	single block, Conical tubes, 12 x 15ml, $\Phi$ 17.1mm x 44.5mm
TC0401001-55	single block, vials, 6 x 50ml $\Phi$ 29.0 x 47.6mm
TC0401001-60	single block, PCR tube, 30 x 0.5mL, $\Phi$ 7.9mm 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, $\Phi$ 11.1mm x 39.1mm
TC0401001-63	single block, Eppendorf tubes, 20 x 2.0ml, $\Phi$ 11.5mm x 38.1mm
TC0401001-64	single block, Corning tubes, 20 x 2.0ml, $\Phi$ 10.9mm x 38.1mm
TC0401001-66	single block, centrifuge tube combinat ion, 4/3/2 x 1.5/15/50ml
TC0401001-67	single block, Round tubes, 30 x 6mm, $\Phi$ 8.3mm x 48.4mm
TC0401001-68	single block, Round tubes, 24 x 10mm, $\Phi$ 10.7mm x 48.4mm
TC0401001-69	single block, Round tubes, 16 x 12/13mm, $\Phi$ 13.9mm x 48.4mm
TC0401001-70	single block, Round tubes, 20 x 12/13mm, $\Phi$ 13.9mm x 48.4mm
TC0401001-71	single block, Round tubes, 12 x 15/16mm, $\Phi$ 17.5mm x 48.4mm
TC0401001-72	single block, Round tubes, 8 x 20mm, $\Phi$ 21mm x 48.4mm
TC0401001-73	single block, Round tubes, 6 x 25mm, $\Phi$ 26.2mm x 48.4mm
TC0401001-74	single block, Round tubes, 4 x 35mm, $\Phi$ 35mm x 47.6mm
TC0401001-75	single block, Round tubes, 12 x 17/18mm, $\Phi$ 19.1mm x 48.4mm
TC0401001-76	single block, vials, 20 x 12mm, $\Phi$ 12.7mm x 30mm
TC0401001-77	single block, vials, 20 x 15mm, $\Phi$ 15.8mm x 35mm
TC0401001-78	single block, vials, 12 x 17mm, $\Phi$ 17.8mm x 45mm
TC0401001-79	single block, vials, 12 x 19mm, $\Phi$ 19.7mm x 45mm
TC0401001-80	single block, vials, 9 x 21mm, $\Phi$ 21.7mm x 45mm
TC0401001-81	single block, vials, 8 x 23mm, $\Phi$ 23.8mm x 45mm
TC0401001-82	single block, vials, 8 x 25mm, $\Phi$ 25.8mm x 45mm
TC0401001-83	single block, vials, 6 x 28mm, $\Phi$ 28.8mm x 45mm
TC0401001-84	single block, vials, 15 x 16mm, $\Phi$ 16.4mm 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

## SPECIFICATIONS:

Model	TC0401001	TC0401002	TC0401003
<b>Number of blocks</b>	1	2	4
<b>Heat output [W]</b>	165	250	430
<b>Heating temperature range [°C]</b>	room temp. +5°C-150°C	room temp. +5°C-150°C	room temp. +5°C-150°C
<b>Temperature display</b>	LED	LED	LED
<b>Adjustment and display resolution [K]</b>	0.1	0.1	0.1
<b>Connection for ext. temperature sensor</b>	DIN 12 878	DIN 12 878	DIN 12 878
<b>PT 1000 variat ion; DIN EN 60751 Kl. A [K]</b>	< =± (0.15 + 0.002 x ITI)	< =± (0.15 + 0.002 x ITI)	< = ± (0.15 + 0.002 x ITI)
<b>Temperature stability within the blocks &lt; 60°C * [±°C]</b>	±0.2	±0.5	±0.5
<b>Temperature stability within the blocks &gt; 60°C * [±°C]</b>	±0.2	±1	±1
<b>Temperature Uniformity &lt; 60°C * [K]</b>	0.2	0.5	0.5
<b>Temperature Uniformity &gt; 60°C * [K]</b>	0.2	0.5	1
<b>Heating rate / Heat up t ime with external sensor * [K/min]</b>	5	4.5	4
<b>Set-up plate material</b>	Aluminium alloy	Aluminium alloy	Aluminium alloy
<b>Set-up plate dimensions [mm]</b>	96x76	96x152	96x304
<b>Fixed safety circuit [°C]</b>	180	180	180
<b>Timer</b>	√	√	√
<b>Time setting range</b>	1min - 99h59min	1min - 99h59min	1min - 99h59min
<b>Dimensions (W x H x D) [mm]</b>	152 x 86 x 190	152 x 86 x 300	152 x 86 x 465
<b>Weight [kg]</b>	1.5	2.5	7.5
<b>Permissible ambient temperature [°C]</b>	5 - 40	5 - 40	5 - 40
<b>Permissible relative humidity</b>	80%	80%	80%
<b>Protection class according to DIN EN 60529</b>	IP 21	IP 21	IP 21
<b>Voltage [V]</b>	200-240/115	200-240/115	200-240/115
<b>Frequency [Hz]</b>	50/60	50/60	50/60
<b>Power input [W ]</b>	165	250	412