



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]	± 0.5
Display accuracy [°C]	± 0.1
Heating time (40°C to 100°C temp.)	≤ 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]	± 0.5
Display accuracy [°C]	± 0.1
Heating time (40°C to 100°C temp.)	$\leq 15\text{min}$
Heating lid	✓
Dimension (mm)	164 x 116 x 98
Net weight	0.9kg

ACCESSORIES:



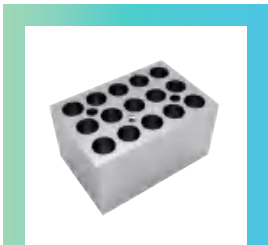
TC0401005-30
24 x 0.5ml block



TC0401005-31
40 x 0.2ml block



TC0401005-32
15 x 1.5ml block



TC0401005-33
15 x 2.0ml block



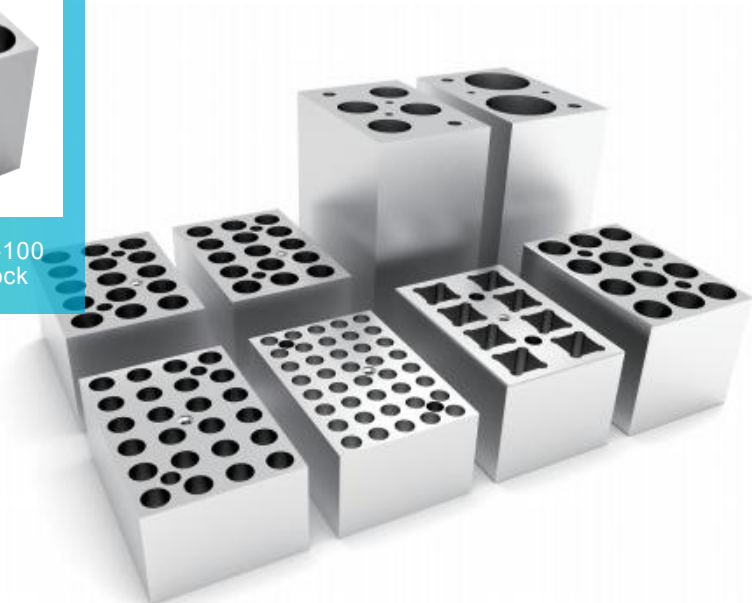
TC0401005-45
8-12.5x12.5x32mm
(used in cuvette)



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, Φ 11.5mm x 36.9mm
TC0401001-54	single block, Conical tubes, 12 x 15ml, Φ 17.1mm x 44.5mm
TC0401001-55	single block, vials, 6 x 50ml Φ 29.0 x 47.6mm
TC0401001-60	single block, PCR tube, 30 x 0.5mL, Φ 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, Φ 11.1mm x 39.1mm
TC0401001-63	single block, Eppendorf tubes, 20 x 2.0ml, Φ 11.5mm x 38.1mm
TC0401001-64	single block, Corning tubes, 20 x 2.0ml, Φ 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, Φ 8.3mm x 48.4mm
TC0401001-68	single block, Round tubes, 24 x 10mm, Φ 10.7mm x 48.4mm
TC0401001-69	single block, Round tubes, 16 x 12/13mm, Φ 13.9mm x 48.4mm
TC0401001-70	single block, Round tubes, 20 x 12/13mm, Φ 13.9mm x 48.4mm
TC0401001-71	single block, Round tubes, 12 x 15/16mm, Φ 17.5mm x 48.4mm
TC0401001-72	single block, Round tubes, 8 x 20mm, Φ 21mm x 48.4mm
TC0401001-73	single block, Round tubes, 6 x 25mm, Φ 26.2mm x 48.4mm
TC0401001-74	single block, Round tubes, 4 x 35mm, Φ 35mm x 47.6mm
TC0401001-75	single block, Round tubes, 12 x 17/18mm, Φ 19.1mm x 48.4mm
TC0401001-76	single block, vials, 20 x 12mm, Φ 12.7mm x 30mm
TC0401001-77	single block, vials, 20 x 15mm, Φ 15.8mm x 35mm
TC0401001-78	single block, vials, 12 x 17mm, Φ 17.8mm x 45mm
TC0401001-79	single block, vials, 12 x 19mm, Φ 19.7mm x 45mm
TC0401001-80	single block, vials, 9 x 21mm, Φ 21.7mm x 45mm
TC0401001-81	single block, vials, 8 x 23mm, Φ 23.8mm x 45mm
TC0401001-82	single block, vials, 8 x 25mm, Φ 25.8mm x 45mm
TC0401001-83	single block, vials, 6 x 28mm, Φ 28.8mm x 45mm
TC0401001-84	single block, vials, 15 x 16mm, Φ 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
Number of blocks	1	2	4
Heat output [W]	165	250	430
Heating temperature range [°C]	room temp. +5°C-150°C	room temp. +5°C-150°C	room temp. +5°C-150°C
Temperature display	LED	LED	LED
Adjustment and display resolution [K]	0.1	0.1	0.1
Connection for ext. temperature sensor	DIN 12 878	DIN 12 878	DIN 12 878
PT 1000 variat ion; DIN EN 60751 Kl. A [K]	< =± (0.15 + 0.002 x ITI)	< =± (0.15 + 0.002 x ITI)	< = ± (0.15 + 0.002 x ITI)
Temperature stability within the blocks < 60°C * [±°C]	±0.2	±0.5	±0.5
Temperature stability within the blocks > 60°C * [±°C]	±0.2	±1	±1
Temperature Uniformity < 60°C * [K]	0.2	0.5	0.5
Temperature Uniformity > 60°C * [K]	0.2	0.5	1
Heating rate / Heat up t ime with external sensor * [K/min]	5	4.5	4
Set-up plate material	Aluminium alloy	Aluminium alloy	Aluminium alloy
Set-up plate dimensions [mm]	96x76	96x152	96x304
Fixed safety circuit [°C]	180	180	180
Timer	√	√	√
Time setting range	1min - 99h59min	1min - 99h59min	1min - 99h59min
Dimensions (W x H x D) [mm]	152 x 86 x 190	152 x 86 x 300	152 x 86 x 465
Weight [kg]	1.5	2.5	7.5
Permissible ambient temperature [°C]	5 - 40	5 - 40	5 - 40
Permissible relative humidity	80%	80%	80%
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21
Voltage [V]	200-240/115	200-240/115	200-240/115
Frequency [Hz]	50/60	50/60	50/60
Power input [W]	165	250	412