Dry Bath Incubators
TC0401001 / TC0401002 / TC0401003

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 ± 0.2°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

TC0401001 / TC0401002 / TC0401003

Specifications			
Model	TC0401001	TC0401002	TC0401003
Number of blocks	1	2	4
Heat output [W]	165	250	430
Heating temperature range [°C]	RT+5°C to 150°C	RT+5°C to 150°C	RT+5°C to 150°C
Temperature display	LED	LED	LED
Adjustment and display resolution [K]	0.1	0.1	0.1
Temperature stability within the blocks at 37°C	±0.5°C	±0.5°C	±0.5°C
Temperature stability within the blocks at 60°C	±0.5°C	±0.5°C	±0.5°C
Temperature uniformity at 37°C	±0.5°C	±0.5°C	±0.5°C
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)	152 x 86 x 190mm	152 x 86 x 300	152 x 86 x 465
Weight [kg]	1.5	2.5	7.5
Permissible ambient temperature	5 - 40 °C	5 - 40	5 - 40
Permissible relative humidity	80%	80%	80%
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21
Voltage	200-240/115	200-240/115	200-240/115
Frequency	50/60 Hz	50/60	50/60

Accessories	
Part No.	Description
TC0401001-35	single block, Eppendorf tubes, 20 x 1.5mL, Φ11.5mm x 36.9mm
TC0401001-54	single block, Conical tubes, 12 x 15ml, Φ17.1mm x 44.5mm
TC0401001-55	single block, vials, 6 x 50ml Φ29.0 x 47.6mm
TC0401001-60	single block, PCR tube, 30 x 0.5mL, Φ7.9mm 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, Φ11.1mm x 39.1mm
TC0401001-63	single block, Conical tubes, 20 x 2.0ml, Φ11.5mm x 38.1mm
TC0401001-64	single block, Corning tubes, 20 x 2.0ml, Φ10.9mm x 38.1mm
TC0401001-66	single block, centifuge tube combinat ion, 4/3/2 x 1.5/15/50ml
TC0401001-67	single block, Round tubes, 30 x 6mm, Φ8.3mm x 48.4mm
TC0401001-68	single block, Round tubes, 24 x 10mm, Φ10.7mm x 48.4mm
TC0401001-69	single block, Round tubes, 16 x 12/13mm, Φ13.9mm x 48.4mm
TC0401001-70	single block, Round tubes, 20 x 12/13mm, Φ13.9mm x 48.4mm
TC0401001-71	single block, Round tubes, 12 x 15/16mm, Φ17.5mm x 48.4mm
TC0401001-72	single block, Round tubes, 8 x 20mm, Φ21mm x 48.4mm
TC0401001-73	single block, Round tubes, 6 x 25mm, Φ26.2mm x 48.4mm
TC0401001-74	single block, Round tubes, 4 x 35mm, Φ35mm x 47.6mm
TC0401001-75	single block, Round tubes, 12 x 17/18mm, Φ19.1mm x 48.4mm
TC0401001-76	single block, vials, 20 x 12mm, Φ12.7mm x 30mm
TC0401001-77	single block, vials, 20 x 15mm, Φ15.8mm x 35mm
TC0401001-78	single block, vials, 12 x 17mm, Φ17.8mm x 45mm
TC0401001-79	single block, vials, 12 x 19mm, Φ19.7mm x 45mm
TC0401001-80	single block, vials, 9 x 21mm, Φ21.7mm x 45mm
TC0401001-81	single block, vials, 8 x 23mm, Φ23.8mm x 45mm
TC0401001-82	single block, vials, 8 x 25mm, Φ25.8mm x 45mm
TC0401001-83	single block, vials, 6 x 28mm, Φ28.8mm x 45mm
TC0401001-84	single block, vials, 15 x 16mm, Φ16.4mm x 45mm
TC0401001-85	single block, 10x8 PCR tube st rips, 0.2ml tubes
TC0401001-86	single block, 64 PCR t ube strips, 0.2ml tubes
TC0401001-88	single block, 2x6 cuvettes, 12.5mm
TC0401001-89	Single block, 0.2ml x 96-well PCR plate (Only for TC0401002 and TC0401003)
TC0401001-91	single block, Round tubes, 20x2.0mL, Φ11.5mm x 38.1mm
TC0401001-99	Thermal Transfer Basket for use with Thermal Beads (DBIB00121)
DBIB00120	Aluminum Thermal Beads (Dia 2mm, length 2~3.5mm)