



High precision biological heating dry bath incubator (2 Blocks)



Introduction:

Dry Bath Incubators are ideal for incubation and activation of cultures, melting and boiling point determination, enzyme reactions, immunoassays, blood urea nitrogen determinations and a wide variety of another laboratory application.

TC0401002 Dry Bath Incubators can accommodate various interchangeable heating blocks and provide precise temperature control for reproducible results.

Features:

1. LED display for easy reading
2. 3D digital wheel adjustment of speed and temperature
3. Adjustable temperature is up to 150°C
4. High temperature stability is up to $\pm 0.5^\circ\text{C}$
5. Machined aluminium heating unit allows for highly precise control of temperature
6. Included PT1000 temperature sensor allows temperature control directly in the sample vessel.
7. Adjustable timing range of 1min to 99h59min
8. Fixed safety circuit
9. Error code display
10. Various applications with different blocks
11. Automatic calibration with external PT1000 temperature sensor

Specifications:

Model	TC0401002
Number of blocks	2
Heat output	250W
Heating temperature range	room temp. +5°C - 150°C
Temperature display	Yes
Adjustment and display resolution	0.1k
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°C *	$\pm 0.5^\circ\text{C}$

Temperature stability within the blocks > 60°C *	±1°C
Temperature Uniformity < 60°C *	0.5k
Temperature Uniformity > 60°C *	0.5k
Heating rate / Heat up time with external sensor *	4.5k/min
Set-up plate material	Aluminium alloy
Set-up plate dimensions	96 x 152mm
Fixed safety circuit	180°C
Timer	Yes
Time setting range	1min - 99h59min
Dimensions (W x H x D)	152 x 86 x 300mm
Weight	2.5kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%
Protection class according to DIN EN 60529	IP21
Voltage	220 - 240 / 115 V
Frequency	50/60 Hz
Power input	250W