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Dry Block Heater 2

/// Data Sheet

Digital block heater for two aluminum blocks provides precise temperature control in small vessels. Included PT-1000 temperature sensor allows temperature control directly in the sample vessel. It is used with PCR tubes, PCR strips, Greiner tubes, microplates and cuvettes. The block heater is ideal for melting and boiling point determination, enzyme reactions, incubation and activation of cultures, immunoassays, DNA denaturation, culture media tests, coagulation tests, blood-urea-nitrogen determinations and in situ hybridizations.

- Stepless adjustable temperature up to 120 °C
- Timer: Countdown, adjustable from 1 min to 99h 59min

- Counter: Display of heating time
- Highly versatile with a large number of blocks
- Error code display
- Fixed safety circuit
- Acoustic signal at end of test

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Technical Data

Number of blocks	2
Heat output [W]	250
Heating temperature range [°C]	room temp. +5° - 120
Temperature display	yes
Adjustment and display resolution [K]	1
Connection for ext. temperature sensor	CT (DIN12878)
PT 1000 variation;DIN EN 60751 Kl. A [K]	≤ ± (0.15 +0.002xITI)
Temperature stability within the blocks at 37°C * [°C]	±0.2
Temperature stability within the blocks at 60°C * [°C]	±0.4
Temperature Homogenity @ 37°C * [K]	0.2
Temperature Homogenity @ 60°C * [K]	0.4
Heatingrate / Heat up time with external sensor * [K/min]	4.5
Set-up plate material	Aluminium alloy
Set-up plate dimensions [mm]	96 x 152
Fixed safety circuit [°C]	150
Timer	yes
Time setting range [min]	1 - 5999
* Measured in IKA DBH Testingblock	Refer Manual for more details
Dimensions (W x H x D) [mm]	151 x 73 x 304
Weight [kg]	1.724
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	250