Dry Block Heater 1

Digital block heater for one aluminum block 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

Accessories: DB 1.1, DB 1.2, DB 1.3, DB 1.4, DB 1.5, DB 2.1, DB 2.2, DB 3.1, DB 3.2, DB 3.3, DB 4.1, DB 4.2, DB 4.3, DB 4.4, DB 4.5, DB 4.6, DB 4.7, DB 4.8, DB 4.9, DB 5.1, DB 5.2, DB 5.3, DB 5.4, DB 5.5, DB 5.6, DB 5.7, DB 5.8, DB 5.9, DB 6.1, DB 6.2, DB 8.1, PT 1000.60 Temperature sensor, stainless steel, PT 1000.90 Temperature sensor, coated

Technical Data	
Number of blocks	1
Heat output [W]	165
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]	$<= \pm (0{,}15 + 0{,}002 \times |T|)$
Temperature stability within the blocks at 37°C * [±°C]	0.2
Temperature stability within the blocks at 60°C * [±°C]	0.4
Temperature Uniformity @ 37°C * [K]	0.2
Temperature Uniformity @ 60°C * [K]	0.4
Heatingrate / Heat up time with external sensor * [K/min]	5
Set-up plate material	Aluminium alloy
Set-up plate dimensions [mm]	96 x 76
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 228
Weight [kg]	1
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
USB interface	no
RS 232 interface	no
Voltage [V]	220 - 240 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	165
Ident. No.	**0004025100**