

## /// DRY BLOCK HEATERS

IKA has a diverse range of dry block heaters designed to accommodate various interchangeable heating blocks. They provide precise temperature control for reproducible results. These digital block heaters are 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.

### DRY BLOCK HEATERS

/// Provide precise temperature control in small vessels



Digital block heaters for up to four aluminium blocks provide 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 digital dry block heaters with precisely designed blocks ensure highly accurate and reproducible results, guaranteeing short heating times. The bright, easy to read LED display facilitates very easy setting of the required temperature and accurate monitoring of the actual temperature. Excellent temperature uniformity and stability is ensured.

#### TIMER

Countdown, adjustable from 1 min to 99 h 59 min.

#### FIXED SAFETY CIRCUIT

#### ACCESSORIES

Highly versatile with a large number of blocks.

### Dry Block Heater 1

Ident. No. 0004025100



### Dry Block Heater 2

Ident. No. 0004025200



### Dry Block Heater 3

Ident. No. 0004025300



### Dry Block Heater 4

Ident. No. 0004025400



TECHNICAL DATA	DRY BLOCK HEATER 1	DRY BLOCK HEATER 2	DRY BLOCK HEATER 3	DRY BLOCK HEATER 4
Number of blocks	1	2	3	4
Heat output	165 W	250 W	330 W	412 W
Heating temperature range	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C	RT +5 °C – 120 °C
Connection for ext. temperature sensor	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)	CT (DIN 12878)
Temperature homogeneity at 37 / 60 °C	0.2 K / 0.4 K	0.2 K / 0.4 K	0.3 K / 0.6 K	0.3 K / 0.6 K
Set-up plate dimensions	96 × 76 mm	96 × 152 mm	96 × 228 mm	96 × 304 mm
Dimensions (W × H × D)	151 × 73 × 228 mm	151 × 73 × 304 mm	151 × 73 × 380 mm	151 × 73 × 456 mm
Protection class according to DIN EN 60529	IP 21	IP 21	IP 21	IP 21



DB 1.1



DB 3.2



DB 4.6



DB 4.6



DB 5.2



DB 5.8



DB 8.1

Product	Description	Ident. No.
MICRO CENTRIFUGE TUBES		
DB 1.1	Single block, PCR tubes, Ø 7.9 mm	0004467600
DB 1.2	Single block, Eppendorf tubes, Ø 11.5 mm	0004467700
DB 1.3	Single block, microtubes, Ø 11.1 mm	0004467800
DB 1.4	Single block, VWR   Eppendorf tubes, Ø 11.5 mm	0004467900
DB 1.5	Single block, corning tubes, Ø 10.9 mm	0004468000

CONICAL BOTTOM CENTRIFUGE TUBES		
DB 2.1	Single block, conical tubes, Ø 17.1 mm	0004468100
DB 2.2	Single block, conical tubes, Ø 29 mm	0004468200

COMBINATION BLOCKS		
DB 3.1	Single block, test tube comb., 6   12 /13   25 mm	0004468300
DB 3.2	Single block, centrifuge comb., 1.5   15   50 ml	0004468400
DB 3.3	Single block, microtube comb., 0.5   1.5   2 ml	0004468500

STANDARD TEST TUBES		
DB 4.1	Single block, 30 round tubes, Ø 8.3 mm	0004468600
DB 4.2	Single block, 24 round tubes, Ø 10.7 mm	0004468700
DB 4.3	Single block, 16 round tubes, Ø 13.9 mm	0004468800
DB 4.4	Single block, 20 round tubes, Ø 13.9 mm	0004468900
DB 4.5	Single block, 12 round tubes, Ø 17.5 mm	0004469000
DB 4.6	Single block, 8 round tubes, Ø 21 mm	0004469100
DB 4.7	Single block, 6 round tubes, Ø 26.2 mm	0004469200
DB 4.8	Single block, 4 round tubes, Ø 35 mm	0004469300
DB 4.9	Single block, 12 round tubes, Ø 19.1 mm	0004469400

VIALS		
DB 5.1	Single block, 12 mm vials, Ø 12.7 mm	0004469500
DB 5.2	Single block, 15 mm vials, Ø 15.8 mm	0004469600
DB 5.3	Single block, 17 mm vials, Ø 17.8 mm	0004469700
DB 5.4	Single block, 19 mm vials, Ø 19.7 mm	0004469800
DB 5.5	Single block, 21 mm vials, Ø 21.7 mm	0004469900
DB 5.6	Single block, 23 mm vials, Ø 23.8 mm	0004470000
DB 5.7	Single block, 25 mm vials, Ø 25.8 mm	0004470100
DB 5.8	Single block, 28 mm vials, Ø 28.8 mm	0004470200
DB 5.9	Single block, 16 mm vials, Ø 16.4 mm	0004470300

STANDARD TEST TUBES		
DB 6.1	Single block, 10 x 8 PCR tube strips, Ø 6.4 mm	0004470400
DB 6.2	Single block, 64 PCR tubes, Ø 6.4 mm	0004470500
DB 6.3	Double block, 1 x 96-Well PCR plate, Ø 6.4 mm	0004470600
DB 7.1	Double block, 96- or 384-Well-plate	0004470800
DB 8.1	Single block, 2 x 6 cuvettes, Ø 12.5 mm	0004470700

TEMPERATURE SENSORS		
PT 1000.60	Temp. sensor, stn. steel	0003516800
PT 1000.90	Temp. sensor, coated	0004480600