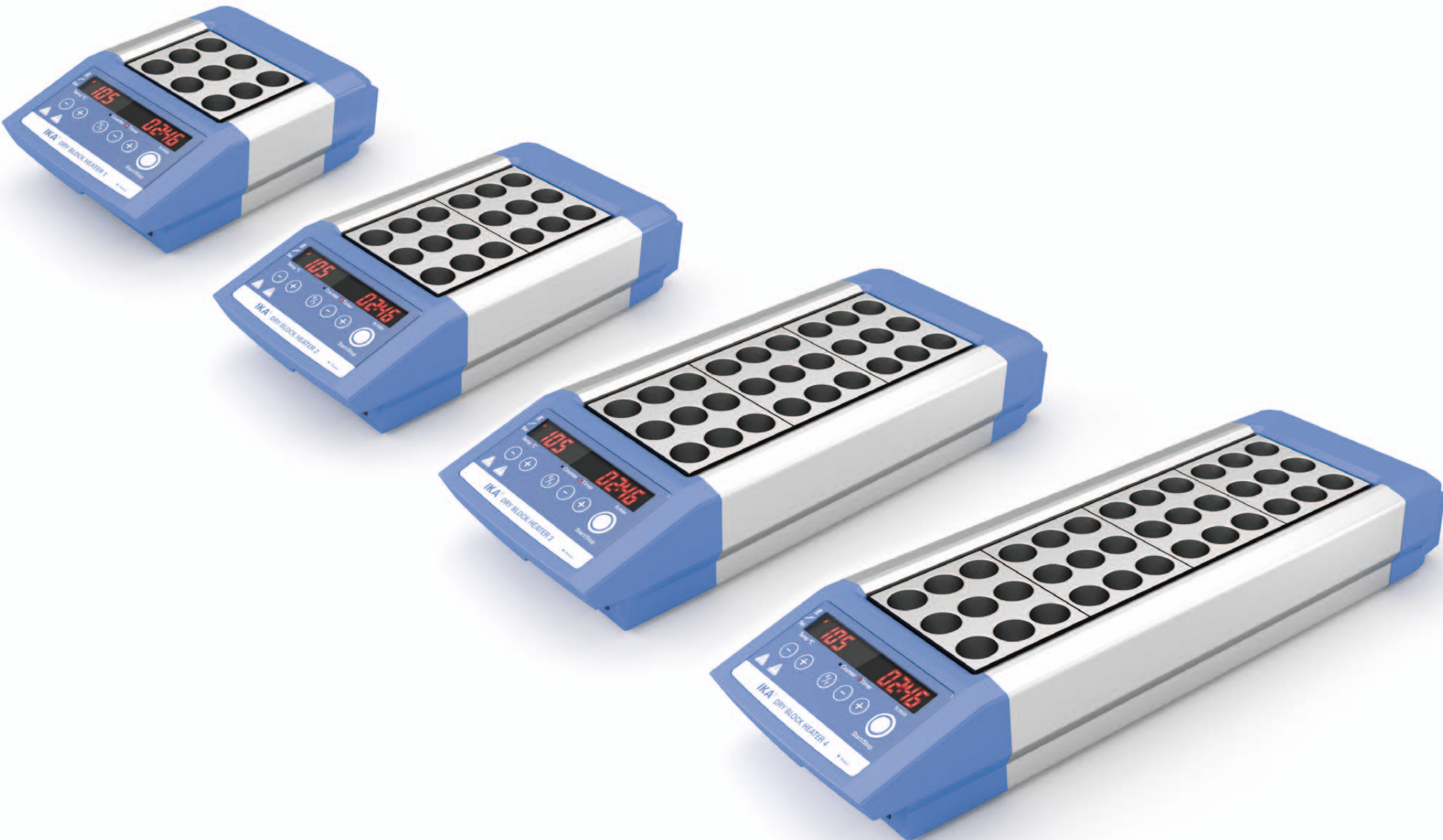


Dry Block Heaters | Quick, Safe and Hot!

IKA® offers an exemplary and diverse range of dry block heaters designed to accommodate various interchangeable heating blocks. They provide precise temperature control for repeatable 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. They are designed for precise heating of PCR tubes, PCR strips, microcentrifuge tubes, microplates and cuvettes.



3 Year warranty*

* 2+1 years after registering at www.ika.com/register, glassware and wearing parts excluded

Protection class according to DIN EN 60529: IP 21



Dry Block Heaters | Accurate and Precise!

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 secured.



A wide range of interchangeable heating blocks to fit any sample tube or plate



Temperature display for the actual/set-point temperatures, up/down arrows for set-point control



Timer display for accurate and reproducible conditions, up/down arrows for set-point control



C/T selector button for choosing between the counter and timer function



External probe for accurate temperature control



Threaded hole for the stand

Dry Block Heaters | Modular Heating Blocks

IKA® +

Precise temperature control!



- > Bushing acc. to DIN 12878
- > Rapid heat up rates
- > Exceptional temperature uniformity
- > PT 1000.60 temperature sensor included in the delivery



Available
Q1/2013



IKA® dry block heaters are highly versatile and each model can accept separate interchangeable modular heating blocks. They can carry various sample enclosures like centrifuge tubes, test tubes, vials, microtitre plates and PCR tubes or strips. Each block has a thermometer well for measuring the block temperature. Anodized aluminum blocks provide superior temperature stability and heat transfer.

Available
Q1/2013



Dry Block Heater 1

Technical data	
Number of blocks	1
Heat output	150 W
Heating temperature range	RT to 120 °C
Heat control	LED
Heat control accuracy	1 ± K
Connection for ext. temperature sensor	DIN 12878
Control accuracy with sensor	1 ± K
Temperature constancy in medium	1 ± K
Temperature stability within the blocks at 37°C	0.2 ±°C
Temperature stability within the blocks at 60°C	0.4 ±°C
Material of the blocks	Aluminum alloy
Set-up plate dimensions	96 x 75 mm
Fixed safety circuit	140 °C
Timer	1 min to 99h 59min
Dimensions (W x D x H)	151 x 228 x 73 mm
Weight (without blocks)	1 kg
Permissible ambient temperature range	5 – 40 °C
Permissible relative moisture	80%
Protection class according to DIN EN 60529	IP 21
Voltage	220 – 240 V
Frequency	50/60 Hz
Power input	160 W

Price 599,- EUR

Ident. No. 4025100



Dry Block Heater 2

Number of blocks	2
Heat output	250 W
Heating temperature range	RT to 120 °C
Heat control	LED
Heat control accuracy	1 ± K
Connection for ext. temperature sensor	DIN 12878
Control accuracy with sensor	1 ± K
Temperature constancy in medium	1 ± K
Temperature stability within the blocks at 37°C	0.2 ±°C
Temperature stability within the blocks at 60°C	0.4 ±°C
Material of the blocks	Aluminum alloy
Set-up plate dimensions	96 x 152 mm
Fixed safety circuit	140 °C
Timer	1 min to 99h 59min
Dimensions (W x D x H)	151 x 304 x 73 mm
Weight (without blocks)	1.3 kg
Permissible ambient temperature range	5 – 40 °C
Permissible relative moisture	80%
Protection class according to DIN EN 60529	IP 21
Voltage	220 – 240 V
Frequency	50/60 Hz
Power input	260 W

Price 695,- EUR

Ident. No. 4025200

Available
Q1/2013



Dry Block Heater 3

Technical data	
Number of blocks	3
Heat output	300 W
Heating temperature range	RT to 120 °C
Heat control	LED
Heat control accuracy	1 ± K
Connection for ext. temperature sensor	DIN 12878
Control accuracy with sensor	1 ± K
Temperature constancy in medium	1 ± K
Temperature stability within the blocks at 37°C	0.2 ±°C
Temperature stability within the blocks at 60°C	0.4 ±°C
Material of the blocks	Aluminum alloy
Set-up plate dimensions	96 x 227 mm
Fixed safety circuit	140 °C
Timer	1 min to 99h 59min
Dimensions (W x D x H)	151 x 380 x 73 mm
Weight (without blocks)	1.6 kg
Permissible ambient temperature range	5 – 40 °C
Permissible relative moisture	80%
Protection class according to DIN EN 60529	IP 21
Voltage	220 – 240 V
Frequency	50/60 Hz
Power input	310 W

Price 785,- EUR

Ident. No. 4025300



Dry Block Heater 4

Number of blocks	4
Heat output	375 W
Heating temperature range	RT to 120 °C
Heat control	LED
Heat control accuracy	1 ± K
Connection for ext. temperature sensor	DIN 12878
Control accuracy with sensor	1 ± K
Temperature constancy in medium	1 ± K
Temperature stability within the blocks at 37°C	0.2 ±°C
Temperature stability within the blocks at 60°C	0.4 ±°C
Material of the blocks	Aluminum alloy
Set-up plate dimensions	96 x 304 mm
Fixed safety circuit	140 °C
Timer	1 min to 99h 59min
Dimensions (W x D x H)	151 x 456 x 73 mm
Weight (without blocks)	2 kg
Permissible ambient temperature range	5 – 40 °C
Permissible relative moisture	80%
Protection class according to DIN EN 60529	IP 21
Voltage	220 – 240 V
Frequency	50/60 Hz
Power input	385 W

Price 995,- EUR

Ident. No. 4025400

Dry Block Heaters | Accessories

	Description	Pore size (mm)	For	No. of hole	Depth (mm)	W x D x H (mm)	Ident. No.
Micro centrifuge tubes							
	Single block	Ø 7.9	PCR tubes (0.5 ml)	30	27.6	95 x 76 x 51	4467600
	Single block	Ø 11.5	Eppendorf microtubes (1.5 ml)	20	36.9	95 x 76 x 51	4467700
	Single block	Ø 11.1	VWR microtubes (1.5 ml)	20	39.1	95 x 76 x 51	4467800
	Single block	Ø 11.5	VWR / Eppendorf microtubes (2.0 ml)	20	38.1	95 x 76 x 51	4467900
	Single block	Ø 10.9	Corning microtubes (2.0 ml)	20	38.1	95 x 76 x 51	4468000
Conical bottom centrifuge tubes							
	Single block	Ø 17.1	Conical tubes (15 ml)	12	44.5	95 x 76 x 51	4468100
	Single block	Ø 29.0	Conical tubes (50 ml)	5	47.6	95 x 76 x 51	4468200
Combination blocks							
	Single block, test tube combination 6 mm, 12/13 mm, 25 mm	Ø 8.3 / Ø 13.9 / Ø 26.2		6 / 5 / 3	48.4 / 48.4 / 48.4	95 x 76 x 51	4468300
	Single block, centrifuge tube combination, 1.5 ml, 15 ml, 50 ml	Ø 11.1 / Ø 17.1 / Ø 29.0		4 / 3 / 2	39.1 / 44.5 / 47.6	95 x 76 x 51	4468400
	Single block, microtube combination, 0.5 ml, 1.5 ml, 2.0 ml	Ø 7.9 / Ø 11.1 / Ø 11.5		6 / 10 / 5	27.6 / 39.1 / 38.1	95 x 76 x 51	4468500
Standard test tubes							
	Single block	Ø 8.3	Round bottom tubes (6 mm)	30	48.4	95 x 76 x 51	4468600
	Single block	Ø 10.7	Round bottom tubes (10 mm)	24	48.4	95 x 76 x 51	4468700
	Single block	Ø 13.9	Round bottom tubes (12/13 mm)	16	48.4	95 x 76 x 51	4468800
	Single block	Ø 13.9	Round bottom tubes (12/13 mm)	20	48.4	95 x 76 x 51	4468900
	Single block	Ø 17.5	Round bottom tubes (15/16 mm)	12	48.4	95 x 76 x 51	4469000
	Single block	Ø 21.0	Round bottom tubes (20 mm)	8	48.4	95 x 76 x 51	4469100
	Single block	Ø 26.2	Round bottom tubes (25 mm)	6	48.4	95 x 76 x 51	4469200
	Single block	Ø 35.0	Round bottom tubes (35 mm)	4	47.6	95 x 76 x 51	4469300
	Single block	Ø 19.1	Round bottom tubes (17/18 mm)	12	48.4	95 x 76 x 51	4469400
Vials							
	Single block	Ø 12.7	12 mm vials	20	30.0	95 x 76 x 51	4469500
	Single block	Ø 15.8	15 mm vials	20	35.0	95 x 76 x 51	4469600
	Single block	Ø 17.8	17 mm vials	12	45.0	95 x 76 x 51	4469700
	Single block	Ø 19.7	19 mm vials	12	45.0	95 x 76 x 51	4469800
	Single block	Ø 21.7	21 mm vials	9	45.0	95 x 76 x 51	4469900
	Single block	Ø 23.8	23 mm vials	8	45.0	95 x 76 x 51	4470000
	Single block	Ø 25.8	25 mm vials	8	45.0	95 x 76 x 51	4470100
	Single block	Ø 28.8	28 mm vials	6	45.0	95 x 76 x 51	4470200
	Single block	Ø 16.4	16 mm vials	15	45.0	95 x 76 x 51	4470300
PCR - plates, tubes, strips							
	Single block, 10 x 8 individual PCR tube strips	Ø 6.4	0.2 ml tubes	80	15.5	95 x 76 x 51	4470400
	Single block, 64 x individual PCR tubes	Ø 6.4	0.2 ml tubes	64	20.2	95 x 76 x 51	4470500
	Double block, 1 x 96 – well PCR plate	Ø 6.4	0.2 ml tubes	96	15.5	95 x 76 x 51	4470600
Cuvettes							
	Single block, 2 x 6 cuvettes (12.5 mm)				25.4	95 x 76 x 51	4470700
Microtitre plates							
	Double block		96 – or 384 – well plate		13.5	95 x 152 x 57	

IKA® Application Support



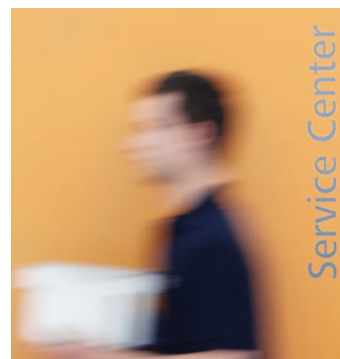
Our Application Center spans 400 sqm and offers modern facilities for presenting and testing lab devices and processes. This brings us even closer to our customers and improves our service. Here, prospective buyers and customers can test out processes that involve stirring, shaking, dispersing, grinding, heating, analyzing and distilling. In addition, it also further extends the opportunity to test your own devices and to develop new models.



Comprehensive Worldwide Service!



Our dedicated team of engineers provides comprehensive worldwide technical service. Please feel free to contact your dealers or IKA® directly in case of any service queries. Hotline: In the event of an equipment malfunction or technical questions regarding devices and spare parts: call 00 8000 4524357 (00 8000 IKAHELP)

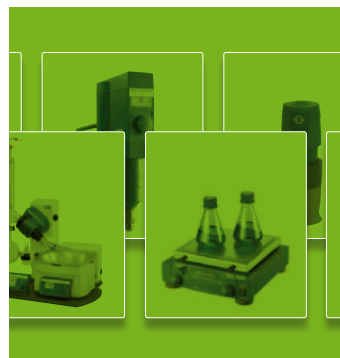


New Online Shop



COMING SOON:
www.ika.com/onlineshop

**Propose
your price!**



IKA® dry block heaters are highly versatile suitable for broad range of applications.

- > DNA extractions
- > DNA analysis
- > Melting point determination
- > Boiling point determination
- > Immunoassays
- > Enzyme reactions
- > Enzymatic processes
- > Enzyme activity studies
- > In situ hybridization
- > Blood-urea-nitrogen determinations
- > Nucleic acid hybridization
- > Coagulation studies
- > Biochemical processes
- > Incubation and activation of cultures
- > Blood examinations
- > Fertile ground processing
- > Restriction digest
- > Denaturation



3 Year warranty*

* 2+1 years after registering at www.ika.com/register, glassware and wearing parts excluded

Protection class according to DIN EN 60529: IP 21



IKA+

Application Support!

For questions regarding applications and processes, you can call our hotline number:
00 8000 4522777 (00 8000 IKAAPPS)*
E-Mail: applicationsupport@ika.de

* Monday – Thursday from 8:30 - 16:30
Friday from 8:30 - 15:30