



HETTICH BENELUX THERMOMIXERS, BLOCK THERMOSTATS

- Quality; long lifespan.
- Extensive range of interchangeable aluminium blocks.
- Specific temperature calibration.
- Orbital or linear mixing movement.
- Multilingual.
- Custom made blocks with a variable height.
- Smart Control.

HETTICH BENELUX THERMOMIXERS &

PERFECT FIT TO YOUR APPLICATIONS; SAVE MONEY AND SPACE!

Hettich Benelux specializes in the design, manufacture, installation and maintenance of climate control equipment worldwide. In addition to custom build projects, Hettich Benelux also supply standard laboratory equipment, which can be adapted to specific applications, thanks to our own engineering department.

In 2016 Hettich Benelux purchased the rights to manufacture three product lines (aspiration systems, shakers, thermomixers and block thermostats) of the German company Ditabis. The Thermomixer is available in a single and double block version with orbital or linear mixing. You can choose between heating and cooling/heating models. The double block models allow double the capacity of tubes/plates, saving bench space and money in comparison to the single block models. A wide range of exchangeable blocks are available. We can also offer a customized block adapted to your needs. Switching blocks is very easy, it only takes 10 seconds.

Due to the precise temperature control and the aluminum block(s) you can reach accurate temperatures rapidly. The MKR13, MKR23 and TK23 are equipped with a Peltier element making it possible to heat or cool the blocks. Optionally the units can be independently calibrated for specific temperatures.

Various accessories are available and are detailed in the brochure.

Hettich Benelux Thermomixers and Block Thermostats are suitable for the Life Sciences, Pharma, Medical Diagnostics, Food Sciences and Chemistry markets.

The maintenance of our products including the Thermomixers and Block Thermostats can be carried by our Service & Installation department.

HETTICH BENELUX BLOCK THERMOSTATS

YOUR ADVANTAGES AT A GLANCE

Quality

Due to the use of high quality materials, the Thermomixers have a long lifespan.

Product range

The Thermomixer has a wide range of functions thanks to the extensive range of interchangeable blocks. The Thermomixers are multi-voltage allowing them to be used in any country.

Smart Control

Set program, cycles, steps, time, temperature, ramp time, shaking speed, interval shaking and pause.

Calibration

If desired, a temperature calibration for specific temperatures can be performed.

Shaking movement

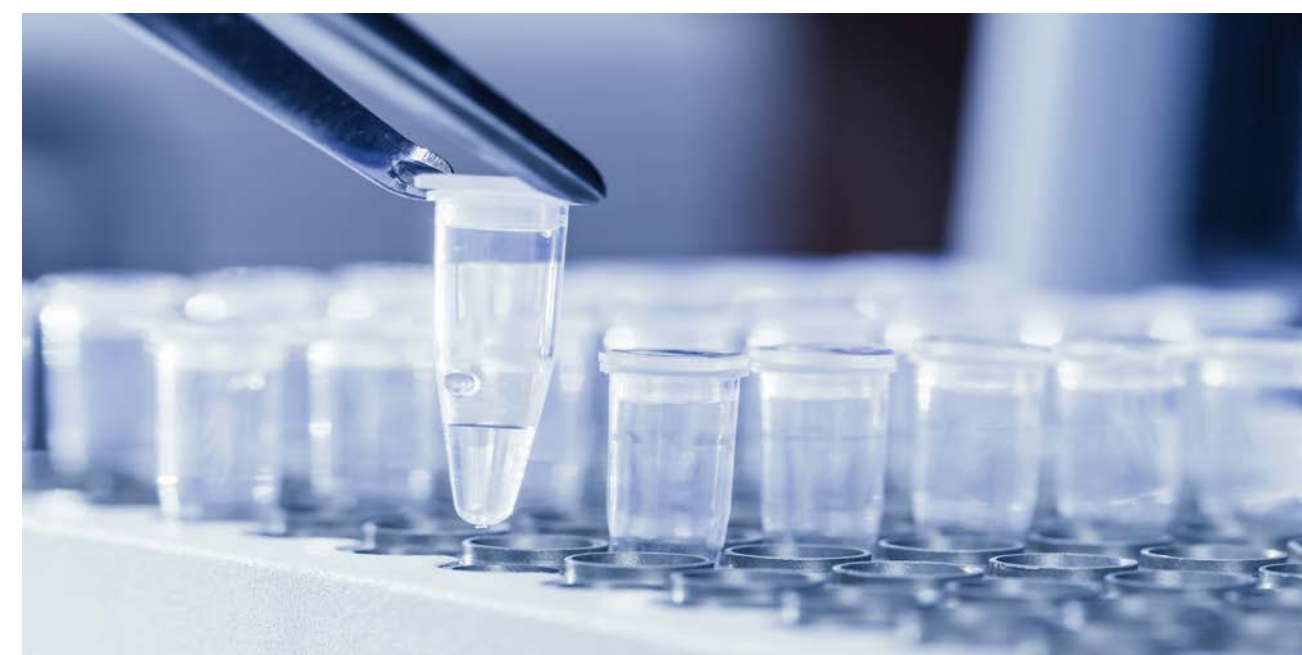
Two types of movement are available orbital or linear, each has a 3 mm movement.

Multilingual

The Thermomixer controller has the possibility to set the languages to German, English, Spanish or French.

Extensive range of interchangeable blocks

We have more than 40 types of blocks and it is also possible to have a custom made block with a variable height.



HETTICH BENELUX THERMOMIXERS &

HETTICH BENELUX BLOCK THERMOSTATS

HEATING / MIXING

Single block Thermomixer MHR13



Article number 980423003	
Temperature operation range	RT* +3 to +130°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	11,3°C
Mixing frequency	200 to 1.500 rpm
Mixing movement	orbital (3 mm)
Dimensions (WxDxH)	220 x 330 x 109 mm
Capacity	1 exchangeable block
Weight	8,8 kg
Heating power	230 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps, short mix, intervalshaking

Double block Thermomixer MHR23



Article number 980523003	
Temperature operation range	RT* +3 to +130°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	8,9°C
Mixing frequency	200 to 1.500 rpm
Mixing movement	orbital (3 mm)
Dimensions (WxDxH)	220 x 330 x 109 mm
Capacity	2 exchangeable blocks
Weight	9,2 kg
Heating power	380 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps, short mix, intervalshaking

HEATING / MIXING

Double block Thermomixer MHL23



Article number 980623003	
Temperature operation range	RT* +3 to +130°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	8,9°C
Mixing frequency	200 to 1.300 rpm
Mixing movement	linear (3 mm)
Dimensions (WxDxH)	220 x 330 x 109 mm
Capacity	2 exchangeable blocks
Weight	9,2 kg
Heating power	380 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps, short mix, intervalshaking

Basic double block Thermostat TH21



Article number 980923003	
Temperature operation range	RT* +3 to +130°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	10,6°C
Dimensions (WxDxH)	220 x 330 x 109 mm
Capacity	2 exchangeable blocks
Weight	3,9 kg
Heating power	380 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps

HETTICH BENELUX THERMOMIXERS &

HETTICH BENELUX BLOCK THERMOSTATS

MORE BENEFITS FOR YOU

MORE BENEFITS FOR YOU

Applications
Wide range of easy exchangeable blocks (autoclavable).

Sample capacity
1 or 2 block system.

Calibration
Optional: temperature calibration for specific temperatures.

Easy cleanable
Glass front with LCD screen and touch keys.

Programmable
Heating and cooling curves.

Saving time
Very fast heating & cooling.

HETTICH BENELUX THERMOMIXERS &

HETTICH BENELUX BLOCK THERMOSTATS

COOLING / HEATING

Single block Thermomixer MKR13



Article number 980123003	
Temperature operation range	RT* -16 to +100°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	11,3°C
Maximum cooling per minute	-12°C
Mixing frequency	200 to 1.500 rpm
Mixing movement	orbital (3 mm)
Dimensions (WxDxH)	220 x 330 x 144 mm
Capacity	1 exchangeable block
Weight	10 kg
Heating power	220 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps, short mix, intervalshaking

Double block Thermomixer MKR23



Article number 980223003	
Temperature operation range	RT* -11 to +100°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	11,7°C
Maximum cooling per minute	-9,6°C
Mixing frequency	200 to 1.200 rpm
Mixing movement	orbital (3 mm)
Dimensions (WxDxH)	220 x 330 x 144 mm
Capacity	2 exchangeable blocks
Weight	10,3 kg
Heating power	360 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps, short mix, intervalshaking

COOLING / HEATING

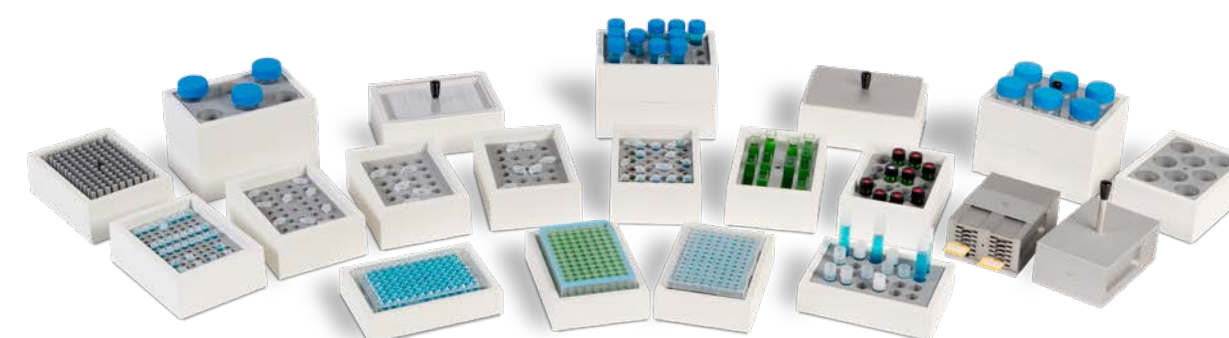
Double block Thermostat TK 23



Article number 980823003	
Temperature operation range	RT* -16 to +100°C
Temperature stability	+/- 0,1°C
Temperature display accuracy	0,1°C
Maximum heating per minute	11,7°C
Maximum cooling per minute	-11,5°C
Dimensions (WxDxH)	220 x 330 x 144 mm
Capacity	2 exchangeable blocks
Weight	6,2 kg
Heating power	360 W
Electrical supply	100/240 Vac, 47-63 Hz
Smart Control	30 program steps

COUNTRY SETS

Article number	
980000101	Country Set Europe
980000201	Country Set Switzerland
980000301	Country Set U.K.



* RT = room temperature

HETTICH BENELUX THERMOMIXERS &

HETTICH BENELUX BLOCK THERMOSTATS

BLOCKS / ACCESSORIES

BLOCKS/ACCESSORIES

Volume in ml	0,2	0,5	1,5	5			2											
Ø x Depth in mm (holes)					10,3x51	10,4x75	11x37	12x47	15x30	16,5x51	17x30	19,2x25	20,5x50	23x56	23,5x56	28x40		
Artikelnr.																		
800011000			24															
800016900 ⁵		24	24															
800011100							24											
800016300 ¹			30				30											
800010800	96																	
800010900		38																
800011700 ⁴								24										
800016100											24							
800015200													12					
800016000														12				
800011900																	8	
800012600							24											
800012700													12					
800011500 ²				24														
800014100 ²					24													
800011800 ²								24										
800014200										24								
800005300			14															

Volume in ml	15	50			DWP	HPLC	Microtiter	Object	Cuvette	50	250	Universal	PCR	Custom
Ø x Depth in mm (holes)	F	F	13x30	13x40					12,5	47x60	71,5x74			
Artikelnr.														
800011600 ⁴							24							
800012200 ^{2,6}	14													
800018600 ^{2,7}	14													
800012300 ^{2,6}		6												
800018700 ^{2,7}		6												
800010501					1									
800017101 ⁸					1									
800016602 ⁹					1									
800010401													96w	
800010301													384w	
800019001 ³							1							
800019301 ⁴							1							
800011200									36					
800018500 ⁴										2				
800018900 ⁴											1			
800012100												1		
800012400								12						
800017400 ³			24											
800016400 ⁴			30											

1) Both options possible. 2) Including isolation cover. 3) Round bottom. 4) Flat bottom. 5) Both options simultaneously possible. 6) Half size. 7) Full size. 8) 4tube. 9) Eppendorf.



Article no.	Article description
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800013000	Aluminium lid (for PCR and Microtiter plates)
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800012900	Aluminium lid (for Micro tubes)
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Aluminium plates quickly reach the block temperature & prevents condensation



Article no.	Article description
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800012800	Insulating lid for microtubes
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Quicker and even more uniform tempering of the samples



Article no.	Article description
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800013800	Tempering cover for units with 2 blocks and high tubes
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800013900	Tempering cover for units with 1 block and high tubes
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Reduces the influence of the surrounding temperature



Article no.	Article description
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800013100	Assembly rack for tubes 0,5 ml (800010900)
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800014300	Ass.rack for tubes 1,5 & 2 ml (800011000/800011100)
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Rack for easy loading the block



OTHER PRODUCT GROUPS:

ASPIRATION SYSTEMS
AUTOCLAVE & STERILISERS
CENTRIFUGES
FLOW CABINETS
HYPOTHERMIA CABINETS
INCUBATORS & ACCESSORIES
CLIMATE CABINETS & CHAMBERS
REFRIGERATORS & FREEZERS
MEDIA PREPARATORS
MONITORING SYSTEMS
OIL & WATER BATHS
OSMOMETERS & DAIRY EQUIPMENT
OVENS
PLANT GROWTH CABINETS
STABILITY CABINETS
LABORATORY GLASSWARE WASHERS
THERMOMIXERS, THERMOBLOCKS & SHAKERS
VACUUM CONCENTRATORS
FREEZE DRYING

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