



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

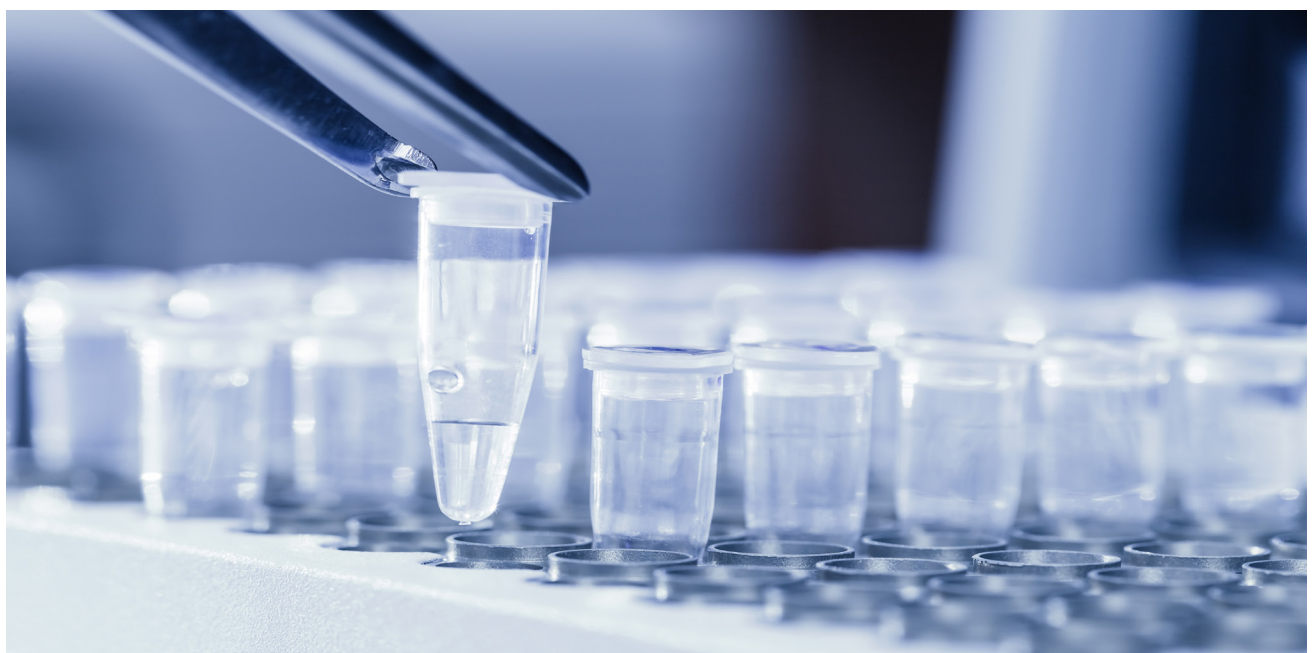
Two types of movement are available orbital or linear, each has a 3 mm movement.

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 &

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 10,1°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 8,5°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

HETTICH BENELUX

BLOCK THERMOSTATS

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	8,5°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	8,5°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

Differences occur depending on which block is being used. We tested with 800011000

HETTICH BENELUX THERMOMIXERS &

MORE BENEFITS FOR YOU

Applications

Wide range of easy
exchangeable blocks
(autoclavable).

Glass front with LCD
screen and touch keys.

Easy cleanable

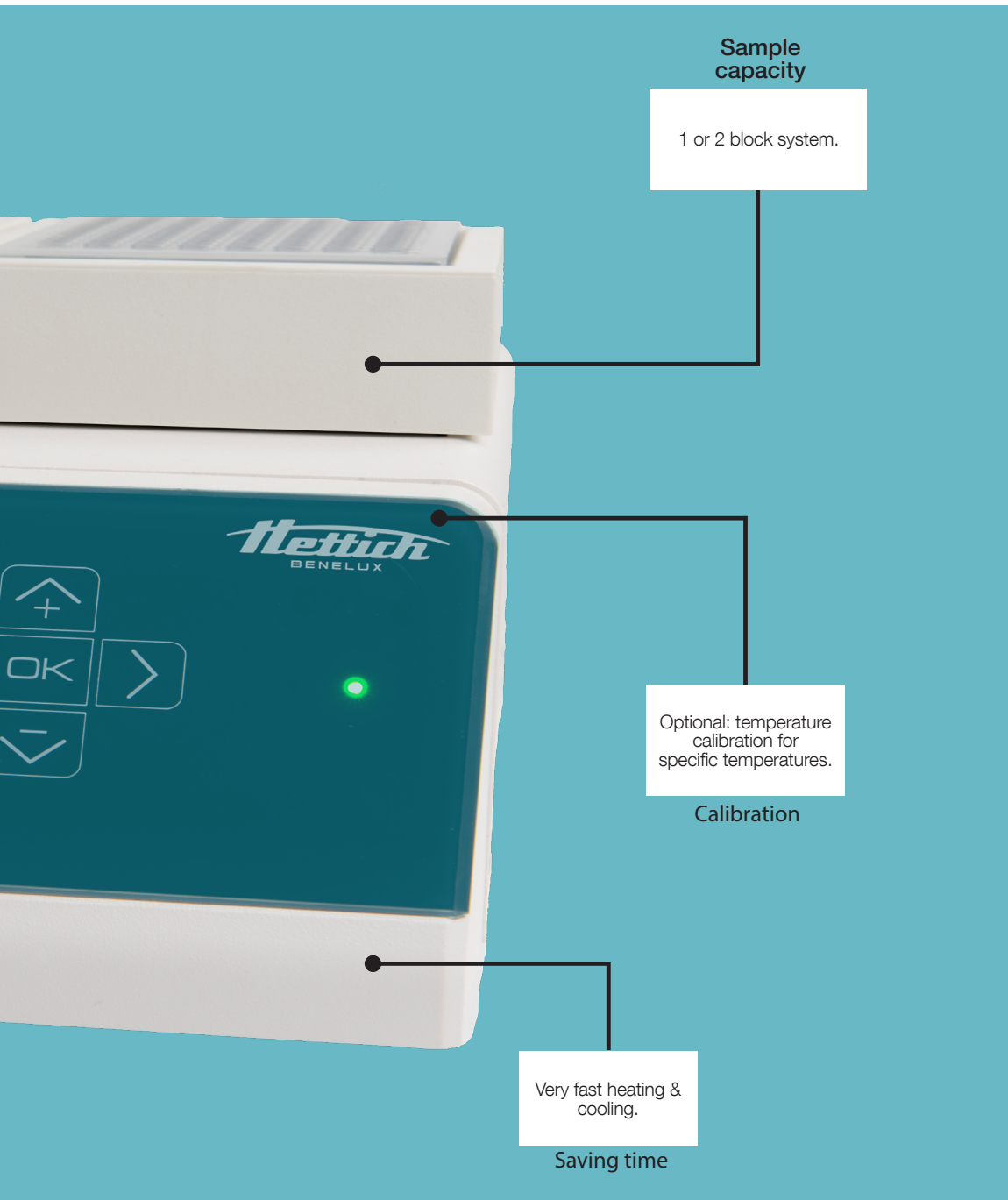
Heating and cooling
curves.

Programmable



HETTICH BENELUX BLOCK THERMOSTATS

MORE BENEFITS FOR YOU



HETTICH BENELUX THERMOMIXERS &

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

HETTICH BENELUX BLOCK THERMOSTATS

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

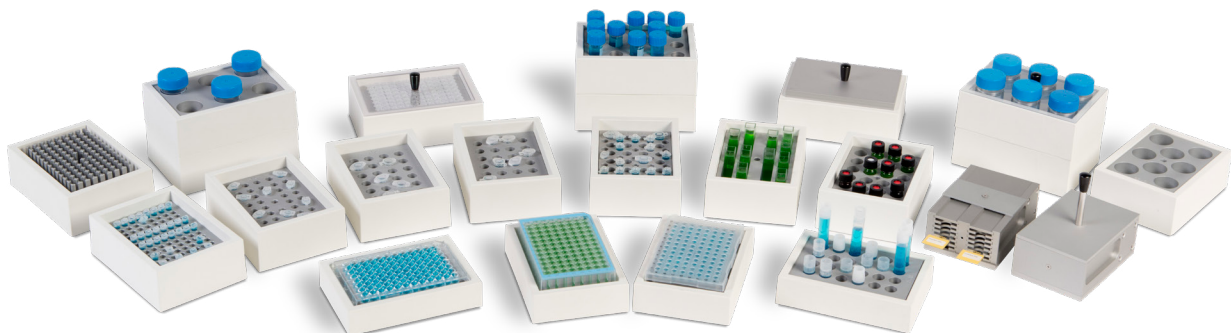
COUNTRY SETS

Article number

980000101 Country Set Europe

980000201 Country Set Switzerland

980000301 Country Set U.K.



* RT = room temperature

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THERMOMIXERS &

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.

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BLOCK THERMOSTATS

BLOCKS/ACCESSORIES



Article no.	Article description
800013000	Aluminium lid (for PCR and Microtiter plates)
800012900	Aluminium lid (for Micro tubes)

Aluminium plates quickly reach the block temperature & prevents condensation



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



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



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

Note: not all blocks are suited to use on the max. rpm.
The max. rpm depends on the type of block and the surface on which the thermomixer is being used.



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