

Waterbaths & Oilbaths

PRECISION AND SAFETY BROUGHT TO THE POINT.

WATERBATH W OILBATH O 100% ATMOSAFE. MADE IN GERMANY.

www.memmert.com | www.atmosafe.net





Uniquely precise and reliable.

Of course always at the right temperature

Since in 1947 the first Memmert hot air steriliser has left our facilites, we have pursued one essential goal in the development of our thermostatic ovens and thermostatic baths: controlled atmosphere. Inseparably linked to this are reliability, optimum temperature homogeneity and stability, user friendliness and an outstanding price/performance ratio. This promise to customers and users is called: 100% AtmoSAFE.

It is the modern control technology which makes Memmert's waterbaths and oilbaths unparalleled in precision. At least 2-fold over-temperature protection guarantees optimum safety for all baths. You can combine programme start delay and hold time, for baths of the Excellent class even setpoint-dependent. Made by professionals for professionals.



WATERBATHS WNB, WNE, WPE

Temperature control of samples, plates, breeding media and emulsions in the laboratory, long-term exposure to heat of plastics to determine dimensional stability and post-shrinkage, softening temperature testing of plastic, warming of baby food

OILBATHS ONE

Testing of overtemperature protection devices, sensor calibration, industrial processings

ADDITIONAL INFORMATION

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Waterbath Basic WNB Waterbath Excellent WNE Waterbath Excellent with circulating pump WPE

Model sizes WNB, WNE: 7 / 10 / 14 / 22 / 29 / 45

Model size WPE: 45

+10 °C to +95 °C and boiling stage (WPE: only with pump switched off)

WATERBATH W Memmert waterbaths W are unparalleled in terms of precision, safety and comfort. In the Excellent version, they are perfectly suited for professional applications in quality management and for technical guidelines and standards.



Safety functions of the Memmert Waterbaths

WATERBATHS BASIC WNB

2-stage safety through relay switch-off close to the setpoint (approx. +10 °C) and mechanical temperature limiter TB at +135 °C

WATERBATHS EXCELLENT WNE, WPE

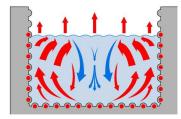
relay switch-off close to the setpoint (approx. +10 °C) and mechanical temperature limiter TB at +135 °C

additional electronic temperature controller TWW as standard or alternatively temperature limiter TWB adjustable in the setup

Dual-use heating design

The tank does not contain any heating elements liable to corrode or attract lime deposits. Fully protected against moisture and yet close to the tank contents, the heating is located underneath deep-drawn and easy-to-clean ribs. This form of construction generates natural turbulence and therefore better temperature distribution in the bath (see sketch). Heating from three sides ensures optimal temperature uniformity. At 95 °C water temperature the deviation over the entire bath is less than 0.36 °C!





optimal temperature uniformity

Water level control

Where an almost constant water level is required, each thermostatic bath can optionally be fitted with a level control device. The bath is connected by hoses to the mains water system and is continuously supplied drop-wise with additional water. An overflow permits maintaining two different water levels.



Two baths in one

The optional electronically controlled shaking device for waterbaths is available in two versions for different bath sizes (requires gable cover). It converts the models from size W14 upwards into an adjustable-speed shaking bath with horizontal movement from 35 to 160 strokes per minute. An electronic blockage protection switches off the motor within fractions of a second on a sudden overload.



PELTIER COOLING UNIT CDP115 Worldwide only from Memmert! The innovative Peltier cooling unit CDP115 enables you to work exactly at temperatures below room temperature and puts an end to unwieldy external cooling units. Space-saving, environmentally friendly and precise in its temperature control, it fits on the smallest as well as on the largest Memmert waterbath! Your benefits: Compact design, user-friendly snap-on technology and exact controllability down to ± 0.1 K.







Cooling with Peltier – sustainable and energy-saving

If constant set temperatures close to ambient are required in the waterbath, Peltier elements cool down the tempering medium in a way that is economical, eco-friendly and precise.

- No gases or fluids (coolants) required •
- Quiet and smooth-running
- High control precision
- Saves valuable space in the laboratory

A cooling unit for all Memmert waterbaths!

The CDP115 extends the working temperature range of the Memmert waterbaths. It can be fitted to all appliances from 7 to 45 litres in capacity, quickly and without technical knowledge. Simply hang it onto the flaps of the gable cover hinge, and that's it! The water is continually circulated via two Norpren tubes, cooling it down. Simultaneous use of the SV shaking device is not a problem.



Safety and precision are involved, as always!

The cooling unit CDP115 has its own main switch. The temperature is controlled via the electronic controller of the waterbath and achieves an impressive precision of ± 0.1 K. A frost protection unit we have developed switches off the cooling element if there is too little fluid flow, thus protecting the Peltier flow-through cooler from freezing. After the disruption has been cleared up, the frost protection switch resets automatically.

Average cooling speed

Filling volumes / bath size	Average cooling down speed*	
7 litres / WN7	14.1 K/h	
10 litres / WN10	9.9 K/h	
14 litres / WN14	7.1 K/h	
22 litres / WN22	4.5 K/h	
29 litres / WN29	3.4 K/h	
45 litres / WN45	2.2 K/h	

WATERBATHS WNB, WNE, WPE

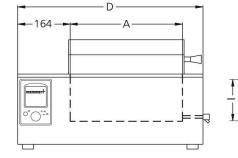
according to DIN 12876-3, EN 61010, EN 61010-1 (IEC 61010-1), EN 61010-2-010

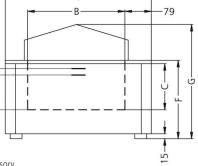
Standard units are safety-approved and bear the test marks:

T



Interior:	deep-drawn, laser-welded stainless steel interior, material 1.4301, with integrated large-area heating system on three sides (no disturbing fittings)
Housing:	textured stainless steel, material 1.4301
Connection:	mains cable with plug (German type)
Installation:	4 feet





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Cover is not included in standard delivery, but available as accessory.

Model sizes/Descri	ption			7	10	14	22	29	45		
Stainless steel	Contents		approx. I	7	10	14	22	29	45		
interior	Length	(A)	mm	240	240		350		90		
	Width	(B)	mm	2	210		290		50		
	Height	(C)	mm	140			220	140	220		
Textured stainless	Length	(D)	mm	468 578				8	18		
steel exterior	Width	(E)	mm	3	356		436		16		
	Height (with flat cover)	(F)	mm		238		296	238	296		
	Height (with gable cover)	(G)	mm	3	37	347	405	343	401		
	Liquid level min.	(H)	mm		97		177	105	177		
	Liquid level max.	(I)	mm		120		200	120	200		
Temperature	Working temperature range		°C	at least 5 (WNB/WNE) 15 (WPE) above ambient to +95 and a boiling stage (WPE only with pump switched off)					additional		
	Setting temperature range		°C	+10 to +95 and boiling stage							
	Temperature variation		К	+/- 0.1							
	Temperature distribution		Κ			+/- 0.25	+/- 0.25		+/- 0.3		
Further data	Electrical load at 230 V, 50/60 Hz / 115 V, 50/60 Hz, WPE: 50 Hz		approx. W	1200 1800 2000				2400	2800		
	CDP115: Dimensions of casing height/width/depth		approx. mm	n 185/450/200							
	CDP115: Electrical load at 230 V/115 V, 50/60 Hz		max. W	160							
	CDP115: Effective cooling capacity		W	115							
	CDP115: Pumping capacity of circulation pump for coolant		ml/Min	600							
	Portable stainless steel rack for 10 baby food bottles, maximum capacit each bath	y	max.	-	1	2	-	4	-		
	Bath capacity - number of racks: models 10/14/22 width of bath working area less 20 mm : width of the racks models 29/45 length of bath working area less 20 mm : width of the racks	2					•				
Packing data	Net weight (with one cover option)		approx. kg	11	13	15	17	24	26		
	Gross weight in Triwall carton		approx. kg	16	19	21	23	31	33		
	Length		approx. mm	570	570		670		10		
	Width		approx. mm		50		30		10		
	Height		approx. mm	420	380	400	460	400	460		
Order No. Water	Order No. Waterbaths			WNB7	WNB10	WNB14	WNB22	WNB29	WNB45		
WNB = Waterbath	n, natural circulation, temperature controller BASIC			WNE7	WNE10	WNE14	WNE22	WNE29	WNE45		
	NNE = Waterbath, natural circulation, temperature controller EXCELLENT NPE = Waterbath, pump circulation, temperature controller EXCELLENT			-	-	-	-	-	WPE45		

Options	7	10	14	22	29	45				
Voltage 115 V, 50/60 Hz	X2									
Water level control			l	.3						
Works calibration certificate +37 °C			D00	0123						
Accessories	7	10	14	22	29	45				
Stainless steel gable cover, also suitable for shaking device (14/22 and 29/45) and Peltier cooling device CDP115	B02641	B02642	BO2	2643	B04	390				
Flat stainless steel cover with openings and concentric ring sets; 1 opening, Ø 147 mm	B02680	002042	002	-	004	550				
Flat stainless steel cover with openings and concentric ring sets; 3 openings, Ø 107 mm	-	B02681			-					
Flat stainless steel cover with openings and concentric ring sets; 6 openings, Ø 87 mm		-	B02	2682						
Flat stainless steel cover with openings and concentric ring sets; 8 openings, Ø 107 mm		-			B02684					
Flat stainless steel cover with openings and concentric ring sets; 4 openings, Ø 147 mm		-			B02	685				
Flat stainless steel cover with openings and concentric ring sets for Peltier cooling CDP115; 1 opening, Ø 147 mm	B24372			-						
Flat stainless steel cover with openings and concentric ring sets for Peltier cooling CDP115; 3 openings, Ø 107 mm	-	B24373			-					
Flat stainless steel cover with openings and concentric ring sets for Peltier cooling CDP115; 6 openings, Ø 87 mm		-	B04	552						
Flat stainless steel cover with openings and concentric ring sets for Peltier cooling CDP115; 8 openings, Ø 107 mm		-			B04	462				
Shelf reversible for 2 heights (30 or 60 mm)	E02893	E02894	E02	895	E02	896				
Portable stainless steel rack for 10 baby food bottles	-	E020	066	-	E02066	-				
Peltier-cooling device CDP115 for waterbaths for temperatures below ambient from +10 °C, Voltage 230 V, 50/60 Hz, or 115 V, 60 Hz (please state in case of order). Please do not forget to order the installation and connection set! On sizes 7 - 22 racks cannot be used together with this device			CDI	P115						
Installation and connection set for Peltier cooling device CDP115 (incl. mounting bars for all different bath sizes)			B02	2770						
Shaking device for waterbaths incl. support frame, shaking frequency 35 - 160 strokes per minute (horizontal back/forth movement), requires gable cover. Please do not forget to order the support basket!		-	SV1422		SV2945					
Support basket with perforated mounting shelf (stainless steel) with grid perforations to take clips for conical flasks		-	B02	782	B04397					
Clip for 100 ml flask, 18 flasks max.		-			B02692					
Clip for 100 ml flask, 12 flasks max.	-		B02	2692	-					
Clip for 200 ml flask, 14 flasks max.		-	-		B02	693				
Clip for 200 ml flask, 6 flasks max.		-	B02	2693						
Clip for 300 ml flask, 14 flasks max.		-			B02	694				
Clip for 300 ml flask, 6 flasks max.		-	B02	2694						
Clip for 500 ml flask, 8 flasks max.		-			B02	695				
Clip for 500 ml flask, 5 flasks max.		-	B02	2695	-					
Rack for shaking device for 216 test tubes Ø 14.5 mm		-			B04	399				
Rack for shaking device for 110 test tubes Ø 14.5 mm		-	B02	2778	-					
Rack for shaking device for 180 test tubes Ø 18 mm		-			B04	400				
Rack for shaking device for 90 test tubes Ø 18 mm		-	B02	2779	· ·					
Rack for shaking device for 54 test tubes Ø 32 mm		-			B04	401				
Rack for shaking device for 25 test tubes Ø 32 mm		-	B02	2780	-					
Test tube racks, 56 holes (7x8), Ø 18 mm each; bath capacity: 1 rack	B02781			-						
Test tube racks, 24 holes (3x8), Ø 18 mm each; bath capacity: 2 racks	B02783			-						
Test tube racks, holes 2-row racks, 40 holes, Ø 10 mm each, width 42 mm	-			E02028						
Test tube racks, holes 2-row racks, 40 holes, Ø 12 mm each, width 41 mm	-			E02013						
Test tube racks, holes 2-row racks, 24 holes, Ø 14.5 mm each, width 45 mm	-			E02014						
Test tube racks, holes 2-row racks, 24 holes, Ø 18 mm each, width 50 mm	-			E02022						
Test tube racks, holes 2-row racks, 20 holes, Ø 21 mm each, width 57 mm	-			E02032						
Test tube racks, holes 2-row racks, 12 holes, Ø 32 mm each, width 81 mm	-			E02034						
Test tube racks, holes 3- row racks, 60 holes, Ø 10 mm each, width 50 mm Test tube racks, holes 3- row racks, 60 holes, Ø 12 mm each, width 57 mm	-			E02046 E02049						
Test tube racks, holes 3- row racks, 36 holes, Ø 12 him each, width 57 him Test tube racks, holes 3- row racks, 36 holes, Ø 14.5 mm each, width 60 mm				E02049						
Test tube racks, holes 3- row racks, 36 holes, Ø 18 mm each, width 71 mm	-			E02039						
Test tube racks, holes 3- row racks, 30 holes, Ø 21 mm each, width 71 mm	-			E02019						
Test tube racks, holes 4-row racks, 80 holes, Ø 2 hill each, width 82 hill Test tube racks, holes 4-row racks, 80 holes, Ø 10 mm each, width 66 mm		E02043								
Test tube racks, holes 4-row racks, 80 holes, Ø 10 mm each, width 80 mm		E02057								
Test tube racks, holes 4-row racks, 48 holes, Ø 14.5 mm each, width 86 mm	-			E02000						
Test tube racks, holes 4-row racks, 48 holes, Ø 18 mm each, width 97 mm	-			E02050						
Test tube racks, holes 4-row racks, 40 holes, Ø 21 mm each, width 110 mm	-			E02051						
IQ/OQ document with device-specific works test data for one free-selectable temperature value, incl. temperature distribution survey at Memmert for 9 measuring points to DIN 12876.2. Further temperature values and validation at surtemer ties or demand (GER AT_CH only).	D00125									

at customer site on demand (GER, AT, CH only)



Oilbath Excellent ONE

Model sizes: 7 / 10 / 14 / 22 / 29 / 45 +20 °C up to +200 °C

OILBATH O Memmert oilbaths O guarantee absolute safety for laboratory and samples even at high temperatures. They score through corrosion-resistant stainless steel, precise electronics, multiple temperature protection as well as reliable alarm and status notifications.



Safety functions of the Memmert Oilbath

OILBATH EXCELLENT ONE

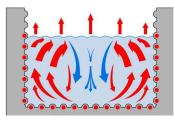
relay switch-off close to the setpoint (approx. +10 °C) and mechanical temperature limiter TB at +230 °C

additional electronic temperature limiter TWB adjustable as standard

Dual-use heating design

The tank does not contain any heating elements liable to corrode or attract lime deposits. Fully protected against moisture and yet close to the tank contents, the heating is located underneath deep-drawn and easy-to-clean ribs. This form of construction generates natural turbulence and therefore better temperature distribution in the bath (see sketch). Heating from three sides ensures optimal temperature uniformity. At 95 °C water temperature the deviation over the entire bath is less than 0.36 °C!





optimal temperature uniformity

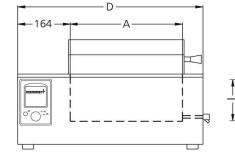
OILBATHS ONE

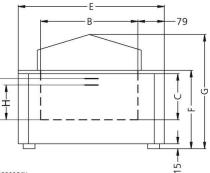
according to DIN 12876-3, EN 61010, EN 61010-1 (IEC 61010-1), EN 61010-2-010

Standard units are safety-approved and bear the test marks:



Interior:	deep-drawn, laser-welded stainless steel interior, material 1.4301, with integrated large-area heating system on three sides (no disturbing fittings)
Housing:	textured stainless steel, material 1.4301
Connection:	mains cable with plug (German type)
Installation:	4 feet





Cover is not included in standard delivery, but available as accessory.

Model sizes/Descri	ption				10	14	22	29	45	
Stainless steel	Contents		approx. I	7	10	14	22	29	45	
interior	Length	(A)	mm	240	240		350		90	
	Width	(B)	mm		210	2	90	3	50	
	Height	(C)	mm		140		220	140	220	
Textured stainless	Length	(D)	mm	468 578				8	818	
steel exterior	Width	(E)	mm		356	4	36	516		
		(F)	mm		238	296	238	296		
	Height (with gable cover)	(G)	mm		337	347	405	343	401	
	Liquid level min.	(H)	mm		97		177	105	177	
	Liquid level max.	(I)	mm		120		200	120	200	
Temperature	Working temperature range		°C	at least 5 above ambient to +200						
	Setting temperature range		°C	+20 to +200						
	Temperature variation		K	+/- 0.3						
	Temperature distribution		K	+/-1						
Further data	Electrical load at 230 V, 50/60 Hz / 115 V, 50/60 Hz		approx. W		1200	1800	2000	2400	2800	
	Portable stainless steel rack for 10 baby food bottles, maximum capacity each bath	y	max.	-	1	2	-	4	-	
	Bath capacity - number of racks: models 10/14/22 width of bath working area less 20 mm : width of the racks models 29/45 length of bath working area less 20 mm : width of the racks	2					•			
Packing data	Net weight (with one cover option)		approx. kg	11	13	15	17	24	26	
-	Gross weight in Triwall carton		approx. kg	16	19	21	23	31	33	
	Length	ā	approx. mm	570		670		9	10	
	Width	approx. mm			450		530		10	
	Height	ā	approx. mm	420	380	400	460	400	460	
Order No. Waterk ONE = Oilbath, na	oaths tural convection, temperature controller EXCELLENT			ONE7	ONE10	ONE14	ONE22	ONE29	ONE45	

Options	7	10	14	22	29	45
Voltage 115 V, 50/60 Hz				X2		
Works calibration certificate +160 °C				0123		
Accessories	7	10	14	22	29	45
Stainless steel gable cover	B02641	B02642	BO	2643	B04	390
Flat stainless steel cover with openings and concentric ring sets; 1 opening, Ø 147 mm	B02680			-		
Flat stainless steel cover with openings and concentric ring sets; 3 openings, Ø 107 mm	-	B02681			-	
Flat stainless steel cover with openings and concentric ring sets; 6 openings, Ø 87 mm		-	BO	2682		-
Flat stainless steel cover with openings and concentric ring sets; 8 openings, Ø 107 mm		-			B02684	-
Flat stainless steel cover with openings and concentric ring sets; 4 openings, Ø 147 mm		-			B02	685
Shelf reversible for 2 heights (30 or 60 mm)	E02893	E02894	EO	2895	E02	896
Portable stainless steel rack for 10 baby food bottles	-	E02	066	-	E02066	-
Support basket with perforated mounting shelf (stainless steel) with grid perforations to take clips for conical flasks		-	BO	2782	B04	397
Clip for 100 ml flask, 18 flasks max.		-			B02	692
Clip for 100 ml flask, 12 flasks max.		-	BO	2692		-
Clip for 200 ml flask, 14 flasks max.		-			B02	693
Clip for 200 ml flask, 6 flasks max.		-	BO	2693		-
Clip for 300 ml flask, 14 flasks max.		-			B02	694
Clip for 300 ml flask, 6 flasks max.		-	BO	2694		-
Clip for 500 ml flask, 8 flasks max.		-			B02	695
Clip for 500 ml flask, 5 flasks max.		-	BO	2695		-
Test tube racks, 56 holes (7x8), Ø 18 mm each; bath capacity: 1 rack	B02781			-		
Test tube racks, 24 holes (3x8), Ø 18 mm each; bath capacity: 2 racks	B02783			-		
Test tube racks, holes 2-row racks, 40 holes, Ø 10 mm each, width 42 mm	-			E02028		
Test tube racks, holes 2-row racks, 40 holes, Ø 12 mm each, width 41 mm	-			E02013		
Test tube racks, holes 2-row racks, 24 holes, Ø 14.5 mm each, width 45 mm	-			E02014		
Test tube racks, holes 2-row racks, 24 holes, Ø 18 mm each, width 50 mm	-			E02022		
Test tube racks, holes 2-row racks, 20 holes, Ø 21 mm each, width 57 mm	-			E02032		
Test tube racks, holes 2-row racks, 12 holes, Ø 32 mm each, width 81 mm	-			E02034		
Test tube racks, holes 3- row racks, 60 holes, Ø 10 mm each, width 50 mm	-			E02046		
Test tube racks, holes 3- row racks, 60 holes, Ø 12 mm each, width 57 mm	-			E02049		
Test tube racks, holes 3- row racks, 36 holes, Ø 14.5 mm each, width 60 mm	-			E02039		
Test tube racks, holes 3- row racks, 36 holes, Ø 18 mm each, width 71 mm	-			E02019		
Test tube racks, holes 3- row racks, 30 holes, Ø 21 mm each, width 82 mm	-			E02043		
Test tube racks, holes 4-row racks, 80 holes, Ø 10 mm each, width 66 mm	-			E02057		
Test tube racks, holes 4-row racks, 80 holes, Ø 12 mm each, width 75 mm	-			E02060		
Test tube racks, holes 4-row racks, 48 holes, Ø 18 mm each, width 97 mm	-			E02051		
Test tube racks, holes 4-row racks, 48 holes, Ø 14.5 mm each, width 86 mm	-			E02056		
Test tube racks, holes 4-row racks, 40 holes, Ø 21 mm each, width 110 mm	-			E02061		
IQ/OQ document with device-specific works test data for one free-selectable temperature value, incl. temperature distribution survey at Memmert for 9 measuring points to DIN 12876.2. Further temperature values and validation			D0	0125		

distribution survey at Memmert for 9 measuring points to DIN 12876.2. Further temperature values and validation at customer site on demand (GER, AT, CH only)

ACCESSORIES INFORMATION

Racks for models with shaking device

lounting shelve







The maximum number of test tube racks of equal width in your waterbath is calculated as follows:

Stainless steel flat cover with openings and

concentric ring sets

cooling unit CDP115

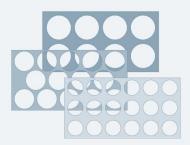
for 10 baby bottles

Stainless steel gable cover, also suitable for shaking device (SV14/22 and SV29/45) or Peltier

W10/14/22: Width of the bath container less 20 mm: width of the rack

W29/45: Length of the bath container less 20 mm: width of the racks

W14/22: 12 flasks 100 ml or 6 flasks 200/300 ml or 5 flasks 500 ml



W29/45: 18 flasks 100 ml or 14 flasks 200/300 ml or 8 flasks 500 ml

Peltier cooling unit CDP115 for waterbat





Shaking device for waterba



Shelf reversible



with grid perforations to take clips for conical flasks





for 2 heights (30 or 60 mm)

Subject to technical modifications. All dimensions in mm.

Push and turn – intuitive operation of the control

In the Basic versions an electronic PID controller ensures that the selected temperature is accurately reached and maintained. The multi-functional fuzzy-supported PID control on the Excellent versions guarantees maximum security. Two high-grade platinum sensors are responsible for temperature control and for monitoring temperature and level. Like a climbing team on a rope they communicate with each other and ensure uninterrupted fault-free temperature control; the high-grade 4-wire circuit guarantees uncorrupted transmission of measurements.

The result can readily be seen behind the easy-clean glass window: all essential settings and operating states are clearly displayed.

BASIC version WNB





① Normal operation Press the SET key, select the setpoint temperature

EXCELLENT version WNE / WPE / ONE

Delayed switch-on

Go home in the evening; in the morning the bath is already at temperature. From 0 to 99:59 hrs (Excellent: 999 hrs) setting accuracy: 1 minute

③ Programmable hold time

Select to the nearest minute how long the waterbath should hold the temperature. From 0 to 99:59 hrs (Excellent: 999 hrs) setting accuracy: 1 minute

④ Visual alarm

If the setpoint temperature is exceeded by more than 10 °C the monitor relay permits emergency operation, indicated visually by the flashing alarm signal. If the factory-set maximum temperature is exceeded the mechanical temperature limiter TB switches off the heating permanently and the alarm symbol is on continuously.

⑤ Electronic overtemperature protection

Set the monitoring temperature with 0.1 °C accuracy up to 10 °C above nominal temperature. If there should be a fault, you can choose in setup through standard function selection between continuation of the procedure (TWW) or abort (TWB).

6 Level

This flashes on low liquid level. At the same time there is an audible alarm and the heating is switched off automatically.

Audible signals

There is a brief beep at programme end and also as input acknowledgement. On overtemperature and low liquid level there is an audible signal together with a visual alarm.

③ Circulating pump (WPE45 only)

The circulating pump in the WPE45 optimises the thermal uniformity of the large water volume!

Itold period

Start of hold period only after reaching the setpoint.

10 Recalibration facility

Excellent quality assurance on standardised or documented material tests through +/-5 K recalibration facility on the controller.



HEATING AND DRYING OVENS

- UNIVERSAL OVEN U
- PASS-THROUGH OVEN UF TS
- PARAFFIN OVEN UNpa
- STERILISER S
- VACUUM OVEN VO
- **BLANKET WARMER IFbw**

INCUBATORS

- INCUBATOR
- CO, INCUBATOR ICOme
- COMPRESSOR-COOLED INCUBATOR ICPeco/ICF
- PELTIER-COOLED INCUBATOR IPP
- COOLED STORAGE INCUBATOR IPS

CLIMATE CHAMBERS

- CONSTANT CLIMATE CHAMBER HPP
- HUMIDITY CHAMBER HCI
- CLIMATE CHAMBER ICHeco/ICH
- ENVIRONMENTAL TEST CHAMBER CTC/TTC

WATERBATHS / OILBATHS

- WATERBATH W
- OILBATH O



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