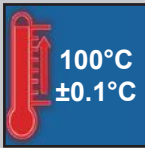


# Bath | water bath

digital, 6 / 11 / 22 l, up to 100°C ±0.1°C, flat lid included



**IQ | OQ**  
available  
page 12 for details

## WB 100°C, digital

### Ideal for:

- water bath for general purpose

### Features:

- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- stainless steel bath & lid for superior durability & high thermal efficiency / consistency, dome lid optional
- digital timer function (99hr 59min): delay time and operation time can be controlled
- storage function for the set values of temperature and timer
- backlight LCD display
- CE-certified and unique serial number for tracing

### Safety mechanism:

- locking mode
- over-temperature and over-current protection
- sensor error protection

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)



WB-11 with flat lid (included)

Model	WB-6	WB-11	WB-22
Capacity	6 l	11 l	22 l
Temperature range & accuracy	room temperature +5°C - 100°C, ±0.1°C		
Temperature resolution	0.1°C-display, 0.1°C-control		
Temperature uniformity & probe	±1.0°C, PT100		
Heating power	800 W	1 kW	2 kW
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end		
Drain valve	-		mounted (Ø9.5 - 11 mm)
Effective space	300 x 155 x 110 mm	302 x 240 x 110 mm	500 x 295 x 110 mm
Internal dimensions (W x D x H)	300 x 155 x 150 mm	302 x 240 x 150 mm	500 x 295 x 150 mm
External dimensions (W x D x H)	325 x 180 x 260 mm	325 x 265 x 260 mm	535 x 330 x 260 mm
Packing size & gross weight	350 x 210 x 310 mm, 8 kg	350 x 300 x 310 mm, 10 kg	570 x 360 x 310 mm, 14 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WB000106	DH.WB000111	DH.WB000122
Order number 120V	DH.WB000206	DH.WB000211	DH.WB000222

### Accessories:



Lid with concentric ring, stainless steel

Measurements	Article	Order number
for WB-6, 2 rings, 330x182xh20 mm	BFC106	DH.WB030106
for WB-11, 2 rings, 329x269xh20 mm	BFC111	DH.WB030111
for WB-22, 6 rings, 539x334xh20 mm	BFC122	DH.WB030122



Dome lid for water bath WB, stainless steel

Measurements	Article	Order number
for WB-6, 324x176xh100 mm	BD206	DH.WB010206
for WB-11, 324x263xh100 mm	BD211	DH.WB010211
for WB-22, 533x328xh100 mm	BD222	DH.WB010222

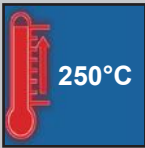


Tube rack, stainless steel

Measurements	Article	Order number
for WB-6, 36x Ø17 mm, 220x125xh79 mm	BTH106	DH.WB020106
for WB-6, 15x Ø32 mm, 220x125xh79 mm	BTH206	DH.WB020206
for WB-11, 63x Ø17 mm, 220x205xh79 mm	BTH111	DH.WB020111
for WB-11, 25x Ø32 mm, 220x205xh79 mm	BTH211	DH.WB020211

# Bath | oil bath

oil bath, digital, 6 / 11 / 22 l, up to 250°C ±1.5°C, flat lid included



## WHB oil bath, 250°C, digital

### Ideal for:

- oil bath for general purpose with high temperature

### Features:

- user's self-compensation function to control difference between real temperature and indicated temperature
- stainless steel bath & lid for superior durability & high thermal efficiency / consistency
- digital timer function (99hr 59min): delay time and operation time can be controlled
- storage function for the set values of temperature and timer
- backlight LCD display
- CE-certified and unique serial number for tracing

### Safety mechanism:

- locking mode
- over-temperature and over-current protection
- sensor error protection

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)



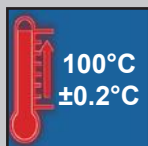
WHB-11

Flat lid (included)

Model	WHB-6	WHB-11	WHB-22
Capacity	6 l	11 l	22 l
Temperature range & accuracy	room temperature +5°C - 250°C, ±1.5°C		
Temperature resolution	0.1°C-display, 0.1°C-control		
Temperature uniformity & probe	±3.0°C, PT100		
Heating power	1.5 kW	2 kW	2.5 kW
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end		
Drain valve	mounted		
Effective space	270 x 170 x 110 mm	300 x 250 x 110 mm	400 x 300 x 140 mm
Internal dimensions (W x D x H)	270 x 180 x 150 mm	300 x 250 x 150 mm	400 x 300 x 180 mm
External dimensions (W x D x H)	425 x 305 x 340 mm	425 x 375 x 340 mm	525 x 425 x 370 mm
Packing size & gross weight	470 x 400 x 500 mm, 23 kg	600 x 490 x 500 mm, 25 kg	600 x 490 x 500 mm, 39 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WHB00106	DH.WHB00111	DH.WHB00122
Order number 120V	DH.WHB00206	DH.WHB00211	DH.WHB00222

# Bath | water bath

extraction water bath, 4 / 6 / 8 places, up to 100°C ±0.2°C, holding frame and covers included



## WEB 100°C, 4/6/8 places, digital

### Ideal for:

- gentle extraction, soxhlet extraction and determination of COD

### Features:

- available with 4,6 or 8 extraction places
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- concentric ring cover set Ø 110 mm and stainless steel holding frame included, drain valve mounted
- stainless steel interior and powder-coated steel body
- storage function for the set values of temperature and timer
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection
- locking mode
- low water level warning and automatic stop function

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)

WEB-6 with holding frame (included) and concentric ring covers (included)



WEB-4 with concentric ring covers (included)

Model	WEB-4	WEB-6	WEB-8
Temperature range & accuracy	room temperature +5°C - 100°C, ±0.2°C		
Temperature uniformity & sensor	±1.0°C, PT100		
No. of extraction holes	4 places	6 places	8 places
Heating power	1.4 kW	1.8 kW	2 x 1.4 kW
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end		
Internal dimensions (W x D x H)	610 x 160 x 160 mm	910 x 140 x 160 mm	610 x 290 x 160 mm
External dimensions (W x D x H)	720 x 245 x 275 mm	975 x 245 x 275 mm	720 x 375 x 275 mm
Packing size & gross weight	710 x 310 x 300 mm, 18 kg	1,030 x 320 x 370 mm, 25 kg	880 x 420 x 300 mm, 34 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WEB01004	DH.WEB01006	DH.WEB01008
Order number 120V	DH.WEB02004	DH.WEB02006	DH.WEB02008

### Scope of supply:

- WEB water bath
- holding frame
- concentric ring covers

### Accessories:



Holding frame set, stainless steel

Measurements	Article	Order number
for WEB-4, 2x800mm pole, 2x700mm pole	EBF100	DH.WEB21004
for WEB-6, 2x800mm pole, 2x1.020mm pole	EBF200	DH.WEB21006
for WEB-8, 4x800mm pole, 4x740mm pole	EBF300	DH.WEB21008



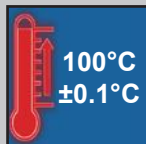
Lid with concentric ring, stainless steel

Article	Order number
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WWW.WAGAGROUP.LK

# Bath | viscosity bath

viscosity water bath with window, 100°C ±0.1°C, lid with 5 holes included



**IQ | OQ**  
available  
page 12 for details



WVVB-30 with lid (included) and viscometer holder WVVB02010 (optional)



## WVVB viscosity bath, 100°C

### Ideal for:

- precise measurement with capillary viscometers

### Features:

- powerful circulation pump ensures highest temperature uniformity
- stainless steel interior and lid with 5 holes for viscometer holder, powder-coated steel body, vacuum sealed and tempered safety glasses window
- storage function for the set values of temperature and timer
- digital timer function (99hr 59min): delay time and operation time can be controlled
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- drain valve mounted
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection
- locking mode

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)

Model	WVVB-30
Temperature range & accuracy	room temperature +5°C - +100°C, ±0.1°C
Temperature resolution	0.1°C-display, 0.1°C-control
Temperature uniformity & probe	±0.2°C, PT100
Heating Power	2 kW
Pump	magnetic drive, max. flow rate 30 l/min
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end
Viewing window size	230 x 180 mm
Effective space	330 x 300 x 260 mm
Internal dimensions (W x D x H, mm)	350 x 300 x 300 mm
External dimensions (W x D x H, mm)	585 x 375 x 420 mm
Packing size & gross weight	640 x 450 x 500 mm, 24 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz
Order number 230V	DH.WVVB01030
Order number 120V	DH.WVVB02030

### Accessories:



Spare flat lid, stainless steel

Measurements	Article	Order number
for WVVB, 5 holes Ø50mm, suitable for viscometer holder WVVB02010/11/12	VBF030	DH.WVVB11030



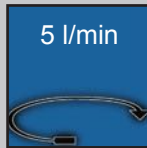
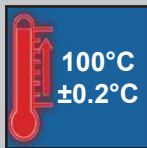
### Viscometer holder

For...	Article	Order number
for Ubbelohde, Ostwald, etc.	WVVB02010	DH.WVVB02010
for Cannon-Fenske Routine / Reverse Flow	WVVB02011	DH.WVVB02011
for thread-type Ubbelohde	WVVB02012	DH.WVVB02012

WWW.WAGAGROUP.LK

# Bath | circulation water bath

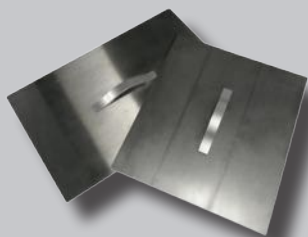
circulation water bath, 6 / 11 / 22l, up to 100°C ±0.1°C, 5 l/min, flat lid included



**IQ | OQ**  
available  
page 12 for details



WCB-22 with flat lid (included)



Stainless steel flat lid (included)

## WCB 100°C, 5 l/min, 6/11/22 l

### Ideal for:

- biotechnology, clinical, environmental, medical, petroleum & food industry, pharmaceutical and industrial applications
- connection with evaporators and viscometers is applicable

### Features:

- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- stainless steel bath & lid for superior durability & high thermal efficiency / consistency
- storage function for the set values of temperature and timer
- powerful circulation pump assures temperature uniformity: internal and external circulation
- storage function for the set values of temperature and timer
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- locking mode
- over-temperature and over-current protection
- sensor error detection
- low water level warning and automatic stop function

### Controller:

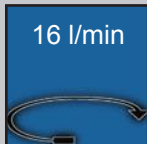
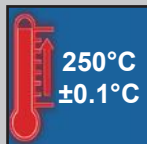
- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)

Model	WCB-6	WCB-11	WCB-22
Capacity	6 l	11 l	22 l
Temperature range & accuracy	room temperature +5°C - 100°C, ±0.1°C		
Temperature resolution, uniformity & probe	0.1°C-display, 0.1°C-control, ±0.2°C, PT100		
Heating power	800 W	1 kW	2 kW
Pump	max. flow rate 5 l/min (internal/external)		
Circulation nozzle	inner Ø 7 x outer Ø 11 mm (inner Ø 9/outer Ø 12 mm silicon tube connection for inner circulation)		
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end		
Drain valve	-		mounted (Ø9.5 - 11 mm)
Effective space	120 x 155 x 150 mm	170 x 240 x 150 mm	372 x 295 x 150 mm
Internal dimensions (W x D x H)	300 x 155 x 150 mm	302 x 240 x 150 mm	500 x 295 x 150 mm
External dimensions (W x D x H)	330 x 185 x 385 mm	335 x 275 x 385 mm	540 x 335 x 410 mm
Packing size & gross weight	350 x 210 x 340 mm, 11 kg	360 x 300 x 420 mm, 13 kg	580 x 380 x 470 mm, 18 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WCB00106	DH.WCB00111	DH.WCB00122
Order number 120V	DH.WCB00206	DH.WCB00211	DH.WCB00222



# Bath | circulation water bath

circulation water bath, 6 / 11 / 22 / 30 l, up to 250°C ±0.1°C, 16 l/min, flat lid included



## WCH 250°C, 16 l/min, 6/12/22/30 l

### Ideal for:

- applications at high temperature
- biotechnology, clinical, environmental, medical, petroleum & food industry, pharmaceutical and industrial applications
- connection with evaporators and viscometers is applicable

### Features:

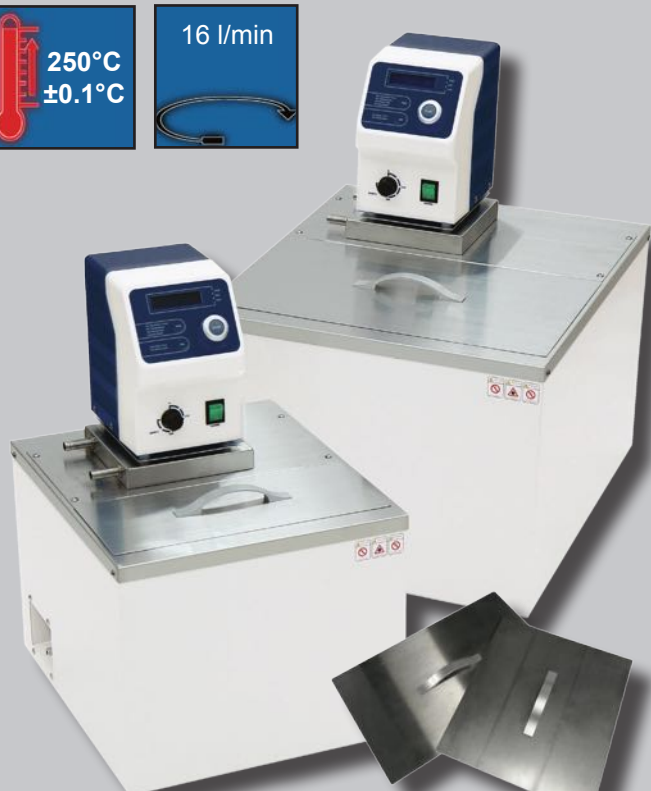
- corrosion resistant stainless steel bath with 1.2 mm thickness
- ceramic fiber insulator of 50 mm thickness and powder-coated steel body
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- digital timer function (99hr 59min): delay time and operation time can be controlled
- drain valve mounted and stainless steel flat lid included
- storage function for the set values of temperature and timer
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection
- locking mode

### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)



Stainless steel flat lid (included)

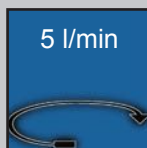
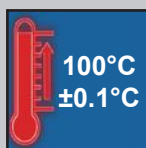


Connection for external circulation Ø12.5mm

Model	WCH-8	WCH-12	WCH-22	WCH-30
Capacity	8 l	12 l	22 l	30 l
Temperature range & accuracy	room temperature +5°C - 250°C, ±0.1°C			
Temperature resolution	0.1°C-display, 0.5°C-control			
Temperature uniformity & probe	±0.2°C, PT100			
Heating Power	1.0 kW	1.5 kW	2.2 kW	2.5 kW
External circulation nozzle	inner Ø10.5 mm, outer Ø12.5 mm			
Pump	max. flow rate: 16l/min, max. pressure: 5 psi, max. lift: 2.8m			
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end			
Effective space	180 x 130 x 155 mm	250 x 130 x 155 mm	340 x 250 x 155 mm	340 x 250 x 200 mm
Internal dimensions (W x D x H)	180 x 320 x 155 mm	250 x 320 x 155 mm	340 x 440 x 155 mm	340 x 440 x 200 mm
External dimensions (W x D x H)	303 x 443 x 569 mm	373 x 443 x 569 mm	463 x 563 x 569 mm	436 x 563 x 614 mm
Packing size & gross weight	470 x 400 x 500 mm, 19 kg	470 x 400 x 500 mm, 21 kg	600 x 490 x 500 mm, 23 kg	600 x 490 x 500 mm, 37 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz			
Order number 230V	DH.WCH00408	DH.WCH00412	DH.WCH00422	DH.WCH00430
Order number 120V	DH.WCH00508	DH.WCH00512	DH.WCH00522	DH.WCH00530

# Bath | circulation water bath

Circulation immersion pump head, 11 / 22 l, up to 100°C ±0.1°C, 5 l/min,



WCB-11H



Universal use due to adjustable lug

## WCB-H 100°C, 11/22 l, digital

### Ideal for:

- multi-use digital precise immersion circulator head

### Features:

- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- digital timer function (99hr 59min): delay time and operation time can be controlled
- powerful circulation pump assures temperature uniformity
- storage function for the set values of temperature and timer
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- locking mode
- over-temperature and over-current protection
- sensor error detection
- low water level warning and automatic stop function

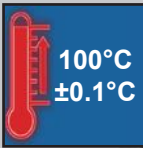
### Controller:

- digital fuzzy controller with **Jog-Shuttle-switch** (turn + push)

Model	WCB-11H	WCB-22H
Capacity	11 l	22 l
Temperature range & sensor	room temperature +5°C - 100°C ±0.1°C; PT100	
Heating power	1 kW	2 kW
Pump	5 l/min	
Timer & alarm	99hr 59 min (delay & continuous run), error status & timer end	
External dimensions (W x D x H)	130 x 165 x 320 mm	
Packing size & gross weight	400 x 280 x 200 mm, 8 kg	400 x 280 x 200 mm, 10 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Order number 230V	DH.WCB10011	DH.WCB10022
Order number 120V	DH.WCB20011	DH.WCB20022

# Bath | shaking water bath

shaking water bath, 18 / 30 / 45 l, up to 100°C ±0.1°C, shaking stroke 20mm



WSB-30 with universal spring rack (included)



No water leak possible due to completely sealed bath.



## WSB shaking water bath, 100°C

### Ideal for:

- direct immersion of samples for shaking in the field of biotechnology and laboratories, hybridization applications, cell cultures, cell aeration, increasing solubility rates, molecular biology assays and bacterial cultures

### Features:

- stainless steel interior and bath, powder-coated steel body, double painted & baked body, 20 mm polyurethane-insulation
- high-performance shaking engine ensures best smoothly shaking motion, minimum noise and vibration
- universal stainless steel spring rack included: for various kind of flasks and tubes (up to 2l), easy to disassemble
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- drain valve mounted
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection

### Controller:

- **Jog-Dial** controller (turn + push)
- digital feedback controller for precise speed control
- digital fuzzy controller for precise temperature control

Model	WSB-18	WSB-30	WSB-45
Capacity	18 l	30 l	45 l
Temperature range & accuracy	room temperature +5°C - +100°C, ±0.1°C		
Temperature resolution	0.1°C-display, 0.1°C-control		
Temperature uniformity & probe	±0.5°C at -20°C, PT100		
Heating Power	1.4 kW	1.8 kW	2.4 kW
Shaking speed & resolution	20 - 250 rpm, 1 rpm-display / 1 rpm-control		
Shaking stroke	20 mm (other strokes by request)		
Max. quantity of Erlenmeyer Flasks	6 x 250 ml, 4 x 500 ml, 1 x 1000 ml	10 x 250 ml, 8 x 500 ml, 3 x 1000 ml	18 x 250 ml, 15 x 500 ml, 8 x 1000 ml
Timer & alarm	99hr 59 min (temperature delay & continuous run), error status & timer end		
Internal dimensions (W x D x H, mm)	300 x 300 x 200 mm	500 x 300 x 200 mm	600 x 380 x 200 mm
External dimensions (W x D x H, mm)	563 x 353 x 340 mm	763 x 353 x 340 mm	863 x 433 x 340 mm
Packing size & gross weight	620 x 420 x 450 mm, 24 kg	820 x 420 x 450 mm, 26 kg	920 x 500 x 450 mm, 32 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WSB03018	DH.WSB03030	DH.WSB03045
Order number 120V	DH.WSB03218	DH.WSB03230	DH.WSB03245

### Accessories:



Dome lid for shaking water bath WSB

Measurements	Article	Order number
for WSB-18, 363x353xh69 mm, stainless steel	SBD018	DH.WSB02018
for WSB-30, 563x353xh69 mm, stainless steel	SBD030	DH.WSB02030