

1 Water baths Precision incl. Thermal Beads

The general purpose water baths, Precision, are rugged, high performance baths for temperatures up to 100°C (TSGP02 up to 90 °C). Over-temperature safety circuit is designed to prevent thermal runaway. Benefit from outstanding chemical and corrosion resistance with epoxy powder-coated exterior, and easily clean the chamber with its seamless stainless-steel interior. With timer.

Thermo Scientific

- Advanced microprocessor controller is designed for extended functionality
- Protect your work with audible alarms
- Conveniently save commonly used settings with four temperature presets
- Clear polycarbonate gable cover

Scope of supply: Bath incl. gable cover, diffuser tray, TSGP02 and TSGP05 with hand pump, all other models with drain hose.



Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	With	PK	Cat. No.
TSGP02PM05	2	138 x 155 x 150	230 x 199 x 233	0.2	4 l Thermal Beads	1	6.290 947
TSGP05PM05	5	154 x 300 x 150	246 x 355 x 232	0.3	4 l Thermal Beads	1	6.273 859
TSGP10PM05	10	301 x 330 x 150	393 x 383 x 233	0.8	8 l Thermal Beads	1	6.273 860
TSGP20PM05	20	297 x 500 x 150	392 x 555 x 233	1.2	16 l Thermal Beads	1	6.273 861
TSGP28PM05	28	297 x 500 x 200	392 x 555 x 282	1.2	24 l Thermal Beads	1	6.273 862
TSGP15PM05	5 + 10	154 x 300 x 150 + 301 x 330 x 150	246 x 355 x 232 + 393 x 383 x 233	1.1	12 l Thermal Beads	1	6.273 863

2 Thermal beads for Water baths Precision

Thermal beads replace water in laboratory baths or ice in ice buckets to prevent contamination. A bath filled with Thermal Beads can be left unattended and is always available at the set temperature without danger of water evaporating to dryness.

Thermo Scientific

- Small, non-uniform metal beads composed of a dry metallic thermal alloy
- Cleaning with biodegradable disinfectant every 2 - 4 weeks only
- Good temperature stability and uniformity
- Energy-efficient
- Minimizes maintenance such as emptying, cleaning, monitoring, and refilling the bath
- Holds common lab vessels in place without accessories such as racks, floats, and weights



Description	PK	Cat. No.
Thermal beads, 4 l	1	6.290 968



Heating/Water baths

1


1 Digital water baths

The unstirred, general purpose water baths are available in 5 sizes: 2, 5, 10, 20 and 28 liters.

PolyScience

- Color TFT display with control panel
- Calibration offset feature
- Low liquid alarm
- Over temperature alarm
- 5 user programmable pre-sets (temperature and duration)
- 5 languages (English, German, French, Spanish and Chinese)
- Integrated independent timer
- Eco-mode
- Safety thermostat
- High-gabled, clear lids accommodate taller media bottles
- Rear-mounted drain (10, 20 and 28 liters)
- Recessed Handles

Scope of supply: Digital water bath, incl. lid

Specifications:

Temperature range:	Ambient +5 °C ... 100 °C
Temperature uniformity:	±0.2 °C
Temperature stability:	±0.1 °C
Power supply:	240 V, 50 Hz

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	PK	Cat. No.
WBE02A12E	2	109 x 99 x 152	305 x 229 x 267	0.12	1	6.274 985
WBE05A12E	5	274 x 127 x 152	305 x 368 x 267	0.36	1	6.274 986
WBE10A12E	10	295 x 269 x 152	432 x 393 x 305	1.00	1	6.274 987
WBE20A12E	20	432 x 241 x 152	445 x 572 x 305	1.40	1	6.274 988
WBE28A12E	28	432 x 241 x 203	445 x 572 x 356	1.40	1	6.274 989

2


2 Basic digital water baths JB Academy

An ideal choice for schools and colleges requiring a basic simple-to-use quality water bath. Base tray included as standard. A great value range consisting of three models.

Grant

- Ambient + 5 °C to 95 °C
- Unique Set and Forget™ technology, fast heat-up, reliable temperature control
- Stability ±0.5 °C
- Simple, intuitive controls, quick and easy to set temperature
- Practical front panel lock, disables front panel controls preventing unintentional temperature changes
- 3 year warranty

Accessory polypropylene spheres or a lid must be used at temperatures between +60 °C and +99 °C.

Please order lid and PP spheres separately.

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	PK	Cat. No.
JBA5	5	281 x 131 x 132	335 x 215 x 200	0.35	1	9.905 875
JBA12	12	306 x 281 x 132	360 x 365 x 225	0.80	1	9.905 876
JBA18	18	281 x 485 x 132	335 x 570 x 275	1.40	1	9.905 877

3


3 Water bath preservative liquid Aqua Stabil

- Prevents build-up of algae and bacteria in bath tanks providing hygienic operation
- No contamination of the tank or immersion thermostat components
- Economical - only 2 ml of Aqua Stabil is required for every 1 litres of water
- Remains effective for weeks, as shown by colour indicator.

JULABO

This product is a disinfectant containing biocides. Please inquire its availability and legal information.

H phrases: H412

Volume ml	PK	Cat. No.
100	1	9.858 040

1 Digital water baths JB Nova

General purpose water baths with stable temperature control, simple controls and fast heat up. A choice of four models with a base tray and lid included as standard.

Grant

- Ambient +5 °C to 95 °C
- Unique Set and Forget™ technology, fast reliable temperature control
- Stability ±0.5 °C
- Simple, intuitive controls, quick and easy to set temperature
- Drain tap on 12 L, 18 L and 26 L baths
- Practical front panel lock - disables front panel controls preventing unintentional temperature changes
- 3-year warranty



Accessory polypropylene spheres or a lid must be used at temperatures between +60 °C and +99 °C.

Please order PP spheres separately.

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	PK	Cat. No.
JBN5	5	281 x 131 x 132	335 x 215 x 200	0.35	1	9.905 870
JBN12	12	308 x 281 x 132	360 x 380 x 225	0.80	1	9.905 871
JBN18	18	281 x 485 x 132	335 x 590 x 275	1.40	1	9.905 872
JBN26	26	278 x 481 x 182	335 x 590 x 275	1.40	1	9.905 873

2 Unstirred water baths SUB Aqua Pro series, digital

High quality and excellent temperature stability, in a value-for-money package designed to meet the needs of the world's researchers. The SUB Aqua Pro range is composed of eight models, including shallow and dual baths.

Grant

- Three programmable temperature presets
 - Drain tap on SUB Aqua Pro 12, 18, 26 and 34
 - Front panel lock-out
 - Countdown timer with audible buzzer
 - Ambient +5 °C to 99 °C operation
 - Stability ±0.2 °C
 - Digital PID control for quick heat-up and precision control throughout the temperature range
 - User-settable sample protection and fixed thermal cut-out
 - High grade stainless steel tanks
 - Non drip polycarbonate lid and base tray included as standard
- Available as 120V or 230V.



Accessory polypropylene spheres or a lid must be used at temperatures between +60 °C and +99 °C.

Please order PP spheres separately.

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	PK	Cat. No.
SUB Aqua Pro 2	2	131 x 117 x 132	185 x 200 x 200	0.25	1	9.905 860
SUB Aqua Pro 2s	2	289 x 139 x 47	335 x 215 x 150	0.35	1	9.905 861
SUB Aqua Pro 5	5	281 x 131 x 132	335 x 215 x 200	0.35	1	9.905 862
SUB Aqua Pro 12	12	306 x 281 x 132	360 x 380 x 225	0.80	1	9.905 863
SUB Aqua Pro 18	18	281 x 485 x 132	335 x 590 x 275	1.05	1	9.905 864
SUB Aqua Pro 26	26	278 x 481 x 182	335 x 590 x 275	1.05	1	9.905 865
SUB Aqua Pro 34	34	281 x 635 x 180	335 x 770 x 275	1.30	1	9.905 866
SUB Aqua Pro Dual	5 + 12	281 x 131 x 132 & 306 x 281 x 132	545 x 380 x 225	1.15	1	9.905 867

3 LLG- Floating pellets, PP

Pellets with 20 mm diameter. Can cover 0.1 m². Protect against evaporation and rapid temperature loss. Decreases hazardous vapors. Resistant against most acids, bases, solvents and mineral oils. Temperature stable up to +100 °C.

Description	PK	Cat. No.
Floating pellets	250	6.266 611



Heating/Water baths

Water baths PURA™

Flexible in use for all purposes in research and quality control. All PURA™ water baths (except PURA™ 4) have an integrated drain screw. The bright, easy-to-read white LED display is clearly visible, even from a distance. With integrated side recessed grips for easy transport and non-slip rubber feet for safe standing. The complete interior surface of the water baths can be used, as there are no installation elements in the interior.

JULABO

- Including platform
- Integrated timer
- Working temperature range from 18 to 99.9 °C (with counter-cooling/bath cover)
- Models with filling volumes from 0.8 to 36 liters available
- High temperature accuracy of 0.15 °C
- Bright display with membrane keypad
- Splash-proof
- Built-in dry-running protection

Please order bath cover separately

1


1 Water bath PURA™ 4

For 1 test tube rack.

JULABO

Specifications

Bath volume:	0.8 ... 4.5 l
Bath opening (W x D x H):	120 x 270 x 140 mm
Heating capacity:	0.5 kW
Weight:	4.9 kg
Overall dimensions (W x D x H):	210 x 350 x 220 mm
Power supply:	230 V, 50-60 Hz

Type	PK	Cat. No.
PURA™ 4	1	4.667 880

2


2 Water bath PURA™ 10

For 2 test tube racks.

JULABO

Specifications

Bath volume:	1.4 ... 9.5 l
Bath opening (W x D x H):	220 x 270 x 140 mm
Heating capacity:	1.2 kW
Weight:	7 kg
Overall dimensions (W x D x H):	310 x 350 x 220 mm
Power supply:	230 V, 50-60 Hz

Type	PK	Cat. No.
PURA™ 10	1	4.667 881

3


3 Water bath PURA™ 14

For 3 test tube racks.

JULABO

Specifications

Bath volume:	2 ... 14 l
Bath opening (W x D x H):	330 x 270 x 140 mm
Heating capacity:	1.8 kW
Weight:	8.5 kg
Overall dimensions (W x D x H):	420 x 350 x 220 mm
Power supply:	230 V, 50-60 Hz

Type	PK	Cat. No.
PURA™ 14	1	4.667 882

4


4 Water bath PURA™ 22

For 5 test tube racks.

JULABO

Specifications

Bath volume:	3.4 ... 25.5 l
Bath opening (W x D x H):	550 x 270 x 180 mm
Heating capacity:	2.0 kW
Weight:	11.5 kg
Overall dimensions (W x D x H):	640 x 350 x 260 mm
Power supply:	230 V, 50-60 Hz

Type	PK	Cat. No.
PURA™ 22	1	4.667 883

1 Water bath PURA™ 30

For 7 test tube racks.

JULABO

Specifications

Bath volume:	4.8 ... 36.0 l
Bath opening (W x D x H):	770 x 270 x 180 mm
Heating capacity:	2.0 kW
Weight:	14.5 kg
Overall dimensions (W x D x H):	860 x 350 x 260 mm
Power supply:	230 V, 50-60 Hz

Type	PK	Cat. No.
PURA™ 30	1	4.667 884



Lids for Water baths, PURA™

JULABO

For model	Description	PK	Cat. No.
PURA™ 4	Hinged bath cover	1	9.857 931
PURA™ 10	Hinged bath cover	1	9.857 932
PURA™ 14	Hinged bath cover	1	9.857 933
PURA™ 22	Hinged bath cover	1	9.857 934
PURA™ 30	Hinged bath cover	1	9.857 935
PURA™ 10	Flat bath cover, with 4 openings Ø 92 mm	1	9.857 922
PURA™ 10	Flat bath cover, with 1 openings Ø 190 mm	1	9.857 923
PURA™ 14	Flat bath cover, with 6 openings Ø 92 mm	1	9.857 924
PURA™ 22	Flat bath cover, with 8 openings Ø 92 mm	1	9.857 925
PURA™ 22	Flat bath cover, with 6 openings Ø 115 mm	1	9.857 926
PURA™ 22	Flat bath cover, with 2 openings Ø 190 mm	1	9.857 927
PURA™ 30	Flat bath cover, with 10 openings Ø 115 mm	1	9.857 928
PURA™ 30	Flat bath cover, with 3 openings Ø 190 mm	1	9.857 929



9.857 932

3 Test tube trays for PURA™

JULABO

For Type	Description	PK	Cat. No.
PURA™	Test tube rack for 60 tubes 100 x 16/17 mm diam.	1	4.658 041
PURA™	Test tube rack for 90 tubes 75 x 12/13 mm diam.	1	4.658 042
PURA™	Test tube rack for 21 tubes 30 mm diam.	1	4.658 043



4 Water baths Hydro

NEW

LAUDA

The Hydro water baths are optimally equipped for every application in the laboratory. With their precise temperature distribution, they are designed for the needs of biological, medical or biochemical laboratories. The H 8 A and H 16 A models are also equipped with a circulation system for optional mixing.

- Interior made of high quality stainless steel
- Applications in the boiling range possible (temperature range: 25 to 100 °C)
- TFT color display for intuitive operation, temperature display in °C and °F
- Programmable timer
- Optical and acoustic alarm in the event of an error

Type	Capacity of the bath	Internal dimensions (W x D x H)	External dimensions (W x D x H)	Rated capacity	PK	Cat. No.
	litres	mm	mm	kW		
H 4	4	245 x 100 x 165	340 x 290 x 275	0.5	1	4.672 291
H 8	8	245 x 200 x 165	340 x 395 x 275	1.0	1	4.672 292
H 8 A	8	245 x 200 x 165	340 x 395 x 275	1.0	1	4.672 297
H 16	16	400 x 245 x 165	500 x 440 x 275	1.5	1	4.672 293
H 16 A	16	400 x 245 x 165	500 x 440 x 275	1.5	1	4.672 298
H 22	22	400 x 245 x 225	500 x 440 x 345	1.5	1	4.672 294
H 24	24	600 x 245 x 165	700 x 440 x 275	1.5	1	4.672 295
H 41	41	410 x 296 x 335	510 x 490 x 476	1.5	1	4.672 296



Water baths WNB/WNE

The Memmert waterbath is available in six model sizes and two performance classes. In addition to the Basic class for standard temperature control tasks, the Excellent version provides precise test procedures with a maximum of safety. The 3-sided heating ensures excellent temperature homogeneity.

WNB = water bath, natural circulation, temperature controller BASIC with 2-fold overtemperature protection

WNE = water bath, natural circulation, temperature controller EXCELLENT with 3-fold overtemperature protection, filling level control and calibration option

Specifications

Working-temperature range:

at least 5 °C above ambient to +95 °C and additional boiling stage

Setting temperature-range:

+10 °C to +95 °C and boiling stage

Temperature variation:

±0.1 K

Temperature distribution:

±0.25 K (sizes 7 - 29), ±0.3 K (size 45)

Power supply:

230 V, 50/60 Hz; 115 V, 50/60 Hz no extra charge

1 Water baths WNB

Water bath with natural circulation and temperature controller BASIC with 2-fold overtemperature protection

Memmert

Without covers - please order separately!

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	Net weight kg	PK	Cat. No.
WNB7	7	240 x 210 x 140	468 x 356 x 238 *	1.2	11	1	9.906 581
WNB10	10	350 x 210 x 140	578 x 356 x 238 *	1.2	13	1	9.906 582
WNB14	14	350 x 290 x 140	578 x 436 x 238 *	1.8	15	1	9.906 583
WNB22	22	350 x 290 x 220	578 x 436 x 296 *	2.0	17	1	9.906 584
WNB29	29	590 x 350 x 140	818 x 516 x 238 *	2.4	24	1	9.906 585
WNB45	45	590 x 350 x 220	818 x 516 x 296 *	2.8	26	1	9.906 586

* Weight and height with flat cover.

1



Water baths WNB with gabled cover

Memmert

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	Net weight kg	PK	Cat. No.
WNB7	7	240 x 210 x 140	468 x 356 x 337	1.2	11	1	6.290 896
WNB10	10	350 x 210 x 140	578 x 356 x 337	1.2	13	1	6.290 897
WNB14	14	350 x 290 x 140	578 x 436 x 347	1.8	15	1	6.290 898
WNB22	22	350 x 290 x 220	578 x 436 x 405	2.0	17	1	6.290 899
WNB29	29	590 x 350 x 140	818 x 516 x 343	2.4	24	1	6.290 900
WNB45	45	590 x 350 x 220	818 x 516 x 401	2.8	26	1	6.290 901

1 Water baths WNE

Water bath with natural circulation and temperature controller EXCELLENT with 3-fold overtemperature protection, filling level control and calibration option.

Memmert

Without covers - please order separately!

Type	Capacity of the bath litres	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	Rated capacity kW	Net weight kg	PK	Cat. No.
WNE7	7	240 x 210 x 140	468 x 356 x 238 *	1.2	11	1	9.906 591
WNE10	10	350 x 210 x 140	578 x 356 x 238 *	1.2	13	1	9.906 592
WNE14	14	350 x 290 x 140	578 x 436 x 238 *	1.8	15	1	9.906 593
WNE22	22	350 x 290 x 220	578 x 436 x 296 *	2.0	17	1	9.906 594
WNE29	29	590 x 350 x 140	818 x 516 x 238 *	2.4	24	1	9.906 595
WNE45	45	590 x 350 x 220	818 x 516 x 296 *	2.8	26	1	9.906 596

*Weight and height with flat cover.



Options and accessories for water baths

Flat cover: Flat stainless steel cover with openings and concentric ring sets

Memmert

Gable cover: Stainless steel gable cover, also suitable for shaking device and Peltier cooling device

Shaking device: Shaking device including support frame (for racks or support basket with perforated mounting shelf) for use in water baths, shaking speed 35-160 strokes per minute (horizontal back/forth movement), requires gable cover

Peltier-cooling device CDP115: For precise operation with temperatures starting from +10 °C. The temperature is controlled via the electronic controller of the waterbath with a precision of ±0.1 K. Easy fitting to bath by snap-on-technology, suitable for all tank sizes. Power supply: 230 V, 50/60 Hz or 115 V, 60 Hz (please state in case of order).

Effective cooling capacity: 115 W. Pumping capacity of circulation pump for coolant: 600 ml/min

Bottom grid: reversible for 2 heights (30 mm and 60 mm)

Type	For Volume l	Diam. mm	Openings	PK	Cat. No.
Flat cover	7	147	1	1	9.906 530
Flat cover	10	107	3	1	9.906 531
Flat cover	14	87	6	1	9.906 532
Flat cover	22	87	6	1	9.906 533
Flat cover	29	107	8	1	9.906 534
Flat cover	45	107	8	1	9.906 537
Flat cover	29/45	147	4	1	6.073 294
Gable cover	7			1	9.906 561
Gable cover	10			1	9.906 562
Gable cover	14/22			1	6.306 619
Gable cover	29/45			1	6.228 924
CDP115 Peltier Cooling Device	all			1	9.906 651
Water level control	all			1	9.906 650
Installation and connection set for Peltier cooling device CDP115	all			1	7.900 153
Bottom grid	7			1	6.302 001
Bottom grid	10			1	7.076 000
Bottom grid	14			1	6.200 774
Bottom grid	22			1	7.076 101
Bottom grid	29			1	7.083 478
Bottom grid	45			1	6.801 467
Shaking device	14/22			1	7.075 941
Shaking device	29/45			1	6.228 923

Further accessories can be found in our online shop.