Julabo

THE TEMPERATURE CONTROL COMPANY

PURA™

Water Baths

ENGLISH

Julabo
55.0
Julabo
27.0

The all-new PURA™ water baths.
High quality. Practical. Durable.

Users place high demands on modern water baths in terms of functionality and reliability. Above all, a water bath must be trouble-free and low-maintenance in everyday operations. For this reason, JULABO does not only count on proven functions in the new PURA series of water baths, but particularly also on simple, intuitive operation and high material and component quality. The result is functional and high-quality water baths that facilitate regular temperature applications in the laboratory and, thanks to their durable design, can withstand permanent loads without any problems.

PURA™

Ease of use.

The controls on the front side are easy to reach and use.

Easy handling.

A frontally integrated drain screw allows clean, safe, and effortless emptying of the baths.

Easy cleaning.

PURA does not incorporate any interfering functional elements. The smooth surfaces can be cleaned quickly and without residue.

The all-new PURA™ water baths. Intelligent design, full functionality.

In addition to their high quality, ease of use and easy-to-read display, PURA water baths offer a number of functions and features that enable efficient use in the laboratory. These include, among other things, an integrated timer and a specially designed outer edge, which automatically drains condensed fluid back into the bath. Another special feature is the included, removable platform. Sample containers, which are placed on the platform, are fully immersed and thus optimally tempered.

PURA™

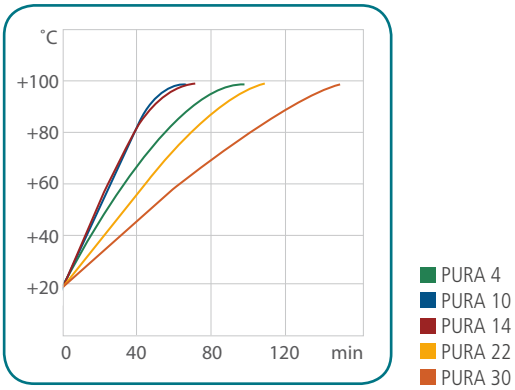
For a working temperature range[1] from +18 °C to + 99.9 °C

PURA water baths stand for innovative, simple, and safe working in the laboratory. All models (except PURA 4) come with an integrated drain screw for quick and clean draining of the baths. PURA water baths are flexible and can be easily transported through ergonomic side recessed grips. Non-slip rubber feet ensure a firm footing and more safety in the laboratory.

For reliable processes and consistent results, PURA water baths offer advantages such as:

- Ease of use
- Bright display
- Splash-proof protected power switch
- Built-in dry running protection
- Integrated drain screw (except PURA 4)
- No interfering elements in the bath
- Platform included as standard
- Integrated timer
- Non-slip rubber feet
- Ergonomic recessed grips

Heat-up time [2]
Medium: Water



PURA™ 4

Order No.	9 550 504
Working temperature range °C [1]	+18 ... +99.9
Temperature stability °C [2]	±0.15
Heating capacity kW	0.5
Bath opening/Bath depth cm	W × L / D 12 × 27 / 14
Number of test tube racks	1
Filling volume liters	0.8 ... 4.5
Weight kg	4.9
Dimensions cm	W × L × H 21 × 35 × 22

PURA™ 10

Order No.	9 550 510
Working temperature range °C [1]	+18 ... +99.9
Temperature stability °C [2]	±0.15
Heating capacity kW	1.2
Bath opening/Bath depth cm	W × L / D 22 × 27 / 14
Number of test tube racks	2
Filling volume liters	1.4 ... 9.5
Weight kg	7
Dimensions cm	W × L × H 31 × 35 × 22

[1] with counter-cooling/bath cover (accessories)
[2] with bath cover (accessories)

Cooling coil

For working near ambient temperature (accessories).

Lift-up bath cover

Protects against water loss through evaporation (accessories).

PURA™ 14

Order No.	9 550 514
Working temperature range °C [1]	+18 ... +99.9
Temperature stability °C [2]	±0.15
Heating capacity kW	1.8
Bath opening/Bath depth cm	W × L / D 33 × 27 / 14
Number of test tube racks	3
Filling volume liters	2 ... 14
Weight kg	8.5
Dimensions cm	W × L × H 42 × 35 × 22

PURA™ 22

Order No.	9 550 522
Working temperature range °C [1]	+18 ... +99.9
Temperature stability °C [2]	±0.15
Heating capacity kW	2
Bath opening/Bath depth cm	W × L / D 55 × 27 / 18
Number of test tube racks	5
Filling volume liters	3.4 ... 25.5
Weight kg	11.5
Dimensions cm	W × L × H 64 × 35 × 26

PURA™ 30

Order No.	9 550 530
Working temperature range °C [1]	+18 ... +99.9
Temperature stability °C [2]	±0.15
Heating capacity kW	2
Bath opening/Bath depth cm	W × L / D 77 × 27 / 18
Number of test tube racks	7
Filling volume liters	4.8 ... 36
Weight kg	14.5
Dimensions cm	W × L × H 86 × 35 × 26

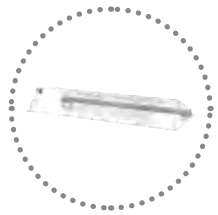
Accessories & technical data

Water bath protective media to prevent the formation of algae or bacteria and the descaling agent

Order No.	Description	Suitable for
8 940 006	Aqua Stabil, 6 bottles, 100 ml each	PURA
8 940 012	Aqua Stabil, 12 bottles, 100 ml each	PURA
9 940 200	Descaling agent, 1 liter	PURA

Hollow Balls to reduce heat loss, evaporation, odors, exposure to oxygen or light

Order No.	Description	Suitable for
8 970 010	Hollow balls, Polypropylene® , 20 mm Ø, 1000 pcs. (up to +100 °C, for water only)	PURA



Lift-up bath covers, transparent

Order No.	Description	Suitable for
9 970 580	Lift-up bath cover	PURA 4
9 970 581	Lift-up bath cover	PURA 10
9 970 582	Lift-up bath cover	PURA 14
9 970 583	Lift-up bath cover	PURA 22
9 970 584	Lift-up bath cover	PURA 30

Flat bath covers with sets of rings

Order No.	Description	Suitable for
9 970 570	Flat bath cover with 4 openings, 92 mm Ø	PURA 10
9 970 571	Flat bath cover with 1 opening, 190 mm Ø	PURA 10
9 970 572	Flat bath cover with 6 openings, 92 mm Ø	PURA 14
9 970 573	Flat bath cover with 8 openings, 92 mm Ø	PURA 22
9 970 574	Flat bath cover with 6 openings, 115 mm Ø	PURA 22
9 970 575	Flat bath cover with 2 openings, 190 mm Ø	PURA 22
9 970 576	Flat bath cover with 10 openings, 115 mm Ø	PURA 30
9 970 577	Flat bath cover with 3 openings, 190 mm Ø	PURA 30

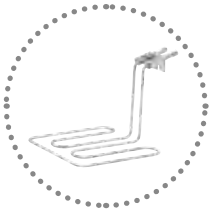
Technical data

Model	Order No.	Working temperature range [1] °C	Display	Resolution	Temperature Control	Temperature stability [2] °C	Heating capacity kW	Filling volume liters	Classification acc. to DIN 12876-1
PURA 4	**9 550 504**	+18 ... +99.9	LED	0.1	PID1	±0.15	0.5	0.8 ... 4.5	I (NFL)
PURA 10	**9 550 510**	+18 ... +99.9	LED	0.1	PID1	±0.15	1.2	1.4 ... 9.5	I (NFL)
PURA 14	**9 550 514**	+18 ... +99.9	LED	0.1	PID1	±0.15	1.8	2 ... 14	I (NFL)
PURA 22	**9 550 522**	+18 ... +99.9	LED	0.1	PID1	±0.15	2	3.4 ... 25.5	I (NFL)
PURA 30	**9 550 530**	+18 ... +99.9	LED	0.1	PID1	±0.15	2	4.8 ... 36	I (NFL)

[1] with counter-cooling/bath cover (accessories)
[2] with bath cover (accessories)

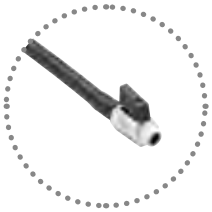
Test tube racks made out of high grade plastic, up to +100 °C

Order No.	Description	Suitable for
9 970 300	Test tube rack for 60 tubes 100 mm × 16/17 mm Ø	PURA
9 970 301	Test tube rack for 90 tubes 75 mm × 12/13 mm Ø	PURA
9 970 303	Test tube rack for 21 tubes, 30 mm Ø	PURA



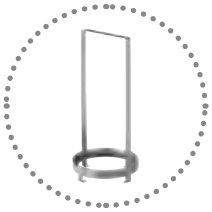
Cooling coil & liquid level/cooling set

Order No.	Description	Suitable for
9 970 534	Cooling coil	PURA 10, PURA 14
9 970 536	Cooling coil	PURA 22, PURA 30
8 970 415	Liquid level/cooling set	PURA 10, 14, 22, 30



Drain tap

Order No.	Description	Suitable for
8 970 453	Drain tap with tubing, 8 mm ID	PURA 10, 14, 22, 30



Dentistry accessories

Order No.	Description	Suitable for
9 970 331	Stents lifter	PURA 4
9 970 532	Stainless steel hygiene insert	PURA 4

Voltage Options

Model	Order No.	Available mains voltages / heating capacity kW	
		230 V 50-60 Hz	100-115 V 50-60 Hz
PURA 4	**9 550 504**	0.5	0.38 ... 0.5
PURA 10	**9 550 510**	1.2	0.9 ... 1.2
PURA 14	**9 550 514**	1.8	0.98 ... 1.3
PURA 22	**9 550 522**	2	0.98 ... 1.3
PURA 30	**9 550 530**	2	0.98 ... 1.3

Power requirement V / Hz / A	Permissible ambient temperature °C	Test tube racks items	Usable bath opening W × L / D cm	Dimensions W × L × H cm	Dimensions with bath cover W × L × H cm	Weight net kg	Model
230/50-60/3	+5 … +40	1	12 × 27 / 14	21 × 35 × 22	21 × 37 × 36	4.9	**PURA 4**
230/50-60/6	+5 … +40	2	22 × 27 / 14	31 × 35 × 22	31 × 37 × 36	7	**PURA 10**
230/50-60/8	+5 … +40	3	33 × 27 / 14	42 × 35 × 22	42 × 37 × 36	8.5	**PURA 14**
230/50-60/9	+5 … +40	5	55 × 27 / 18	64 × 35 × 26	64 × 37 × 40	11.5	**PURA 22**
230/50-60/9	+5 … +40	7	77 × 27 / 18	86 × 35 × 26	86 × 37 × 40	14.5	**PURA 30**

Unless otherwise indicated, all data relates to the operation at nominal voltage and frequency and +20 °C ambient temperature.

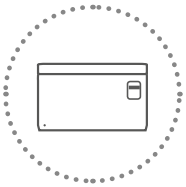
The Julabo advantages at a glance.

JULABO temperature control solutions – high-precision and speed

JULABO products include high-quality temperature control solutions to cover the temperature range -95 °C to +400 °C.

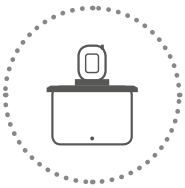
Refrigerated Circulators

The JULABO Refrigerated Circulators are suitable for internal and external applications and can be used within the temperature range -95 °C to +200 °C.



Water Baths and Shaking Water Baths

JULABO Water Baths and Shaking Water Baths can be used for a variety of applications within the temperature range +18 °C to +99.9 °C.



Heating Circulators

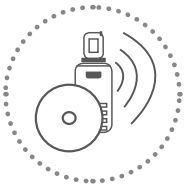
Heating Circulators are available in various designs including Heating Immersion Circulators, Open Heating Bath Circulators, or Heating Circulators and cover the temperature range +20 °C to +300 °C.

Additional Products

In addition, the JULABO product portfolio offers instruments for special requirements such as Calibration Baths, Visco Baths, Beer Forcing Test Baths, Immersion / Flow-Through Coolers, Temperature Controllers and Refrigerators for Chemicals.

Highly Dynamic Temperature Control Systems

The Highly Dynamic Temperature Control Systems from JULABO can be used for demanding temperature applications ranging from -92 °C to +400 °C. The PRESTO series offers unique high-performance specifications to meet these requirements.



Wireless Communication & Software Solutions

JULABO facilitates the automation of applications. The temperature control instruments can be comfortably controlled and monitored via PC.

Recirculating Coolers

JULABO Recirculating Coolers are highly efficient and therefore offer an environmentally friendly and economic alternative to tap water cooling in the temperature range -25 °C to +130 °C.

Accessories

The extensive range of instrument accessories ensures JULABO products are adaptable for research and industry use.

Comprehensive service and on-site support

JULABO takes pride in offering customers expert advice for pairing the proper JULABO temperature control solution to their specific application. JULABO service and support options include installation and calibration, equipment qualification documentation and application training. These invaluable services ensure customer confidence in the operation and maintenance of any JULABO unit.

Individual requirements – individual products

JULABO's wide product range offers a solution for almost any application. However, if a specific application needs more than a standard product can offer, the JULABO specialists will work out an individual solution with you.

JULABO. Quality.
Highest quality standards to ensure a long product life.

Green technology.
Deliberately engineered with environmentally friendly materials and technologies.

Satisfied customers.
11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.

100 % checked.
100 % testing. 100 % quality. Every JULABO product is shipped to customers after a successful final inspection.

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