

JULABO Water Baths are clearly superior to other water baths. They provide numerous features and significant benefits for YOU and YOUR work:

The sloped tank rim keeps the water in the stainless steel bath tank where it belongs. No dripping, no condensation – even when the lid is opened.

Features of TW2

- Space-saving design, suitable for samples and up to 24 test tubes
- For dental applications

TW8, TW12, TW20 provide

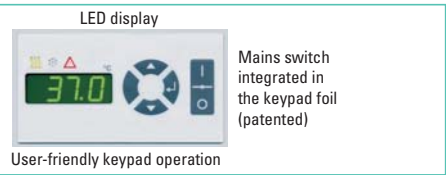
- Drain screw
- Handles for easy relocation

Benefits:

- Overall splash-water protection
- Keypad with water-protected mains switch
- User-friendly operation, best reproducibility of the set values
- Bright temperature indication (LED) for actual and setpoint values
- Display resolution: 0.1 °C
- Dry-running protection
- Audible warning signal with optical indication for the cut-off function
- Removable bottom plate

Applications

- Routine laboratory applications
- Cell cultivation
- Temperature testing of food and luxury articles
- Temperature control of samples
- Incubations
- Material testing
- Corrosion tests



Makrolon® covers are optionally available for all models. Details see page 59.



JULABO Order No.	JULABO Model	Working temp. range °C ¹⁾	Temperature stability °C	Heat. cap. kW ²⁾	Bath opening/ bath depth W x L / D cm	Insert capacity test tube racks 13 mm dia. 17 mm dia.	Filling volume liters	Dimensions W x L x H cm w/o / with cover	Weight kg
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Technical features (see fold-out page)

Water Baths

9 550 102	TW2	20 ... 99.9	±0.2	1 / 1	15 x 13 / 11	-- 24	1...2	17 x 16 x 26/37	3.5
9 550 108	TW8	20 ... 99.9	±0.2	2 / 1	23 x 27 / 14	180 120	3...8	29 x 32 x 28/44	8.1
9 550 112	TW12	20 ... 99.9	±0.2	2 / 1	35 x 27 / 14	270 180	5...12	40 x 32 x 28/44	9.8
9 550 120	TW20	20 ... 99.9	±0.2	2 / 1	50 x 30 / 18	360 240	8...22	56 x 35 x 32/49	14.2

¹⁾ For applications at or near ambient temperature: Counter-cooling with tap water and liquid level/cooling set (accessory)

²⁾ At voltage 230V/50-60Hz / 115V/50-60Hz

Makrolon® covers

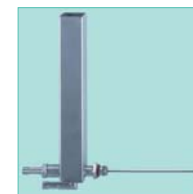
The lift-up Makrolon® cover is recommended for use at working temperatures above +60 °C, particularly to protect samples from contamination.

TW8, TW12, TW20:

- Flat bath covers are also available
- For counter-cooling of applications at or near ambient temperature to ensure continuous water supply: Liquid/level cooling set (illustration on the right)
- Test tube racks made of Polypropylene® or stainless steel
- The water bath protective media 'AquaStabil' is particularly recommended for long-term usage

Liquid level/cooling set for continuous water supply

- to maintain a constant liquid level at high temperatures
- for counter-cooling of applications at or near ambient temperature

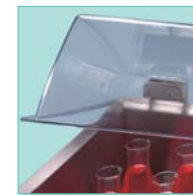


Liquid level/cooling set

JULABO Order No.	Description	for model	Remarks
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Lift-up Makrolon® covers

	Dimensions		
8 970 289	17 x 16 x 16 cm	TW2	Prevents liquid losses due to evaporation, protects samples from contamination
8 970 286	29 x 32 x 16 cm	TW8	
8 970 287	40 x 32 x 16 cm	TW12	
8 970 288	56 x 35 x 17 cm	TW20	



Makrolon® cover

Flat stainless steel bath covers with sets of rings

8 970 270	with 1 opening	190 mm dia.	TW8	Beakers or Erlenmeyer flasks can be placed directly onto the perforated stainless steel bottom plate.
8 970 271	with 4 openings	92 mm dia.	TW8	
8 970 278	with 6 openings	92 mm dia.	TW12	
8 970 272	with 2 openings	190 mm dia.	TW20	
8 970 273	with 6 openings	115 mm dia.	TW20	



Flat bath covers

Cooling installation/continuous water supply

8 970 415	Liquid level/cooling set (see illustration above)	TW8, TW12, TW20	To maintain a constant liquid level, for counter-cooling
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Test tube racks to +80 °C, Polypropylene®

8 970 380	for 60 test tubes	16/17 mm dia.	TW8, TW12, TW20	Insert capacity test tube racks		
8 970 381	for 90 test tubes	12/13 mm dia.		TW8	TW12	TW20
8 970 382	for 90 microliter tubes	11/12 mm dia.		2	3	4
8 970 383	for 21 test tubes	30 mm dia.				



Polypropylene® test tube racks

Test tube racks to +100 °C, stainless steel

8 970 330	for 24 test tubes	16/17 mm dia.	TW2	Insert capacity test tube racks			
8 970 344	for 50 test tubes	16/17 mm dia.	TW8, TW12, TW20	TW2	TW8	TW12	TW20
8 970 345	for 90 test tubes	12/13 mm dia.		1	2	3	4
8 970 346	for 90 microliter tubes	11/12 mm dia.					
8 970 347	for 21 test tubes	30 mm dia.					



Stainless steel test tube racks

Water bath protective media 'Aqua-Stabil'

8 940 006	6 bottles, 100 ml each	To prevent contamination and formation of algae
8 940 012	12 bottles, 100 ml each	