

INSTRUMENTS FOR SPECIAL REQUIREMENTS

Calibration Baths

Beer Forcing Test Bath

Visco Baths

Immersion Coolers

Flow-through Coolers

Fluid-Gas Heat Exchanger

Temperature Controllers

Refrigerators for Chemicals

Wireless Communication & Software



Immersion Coolers

Immersion Coolers

with immersion probe for rapid cooling of fluids

JULABO immersion coolers are ideal for counter-cooling in combination with heating circulators and for rapid cooling of fluids down to low temperatures. These units represent a budget-priced alternative to customary cooling with tap water and as a substitute for dry ice.

- User-friendly operation and handling
- Compact design, small footprint
- FT402, FT902 and FT903 with integrated temperature control and display as well as external Pt100 sensor (200 × 6 mm Ø, stainless steel)
- Environmentally friendly alternative to precious tap water
- Dry ice substitution



FT200

Order No.	9 650 820		
Model	FT200		
Working temperature range °C	-20 ... +30		
Temperature stability °C	-		
Display resolution	-		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.25	0.2	0.15
	-20 °C	-40 °C	-80 °C
	0.04	-	-
Immersion probe / flexible probe (L x dia. cm)	9 x 4		
Connection tube (L) cm	120		
Dimensions cm	W x L x H 18 x 27 x 39		



FT400

Order No.	9 650 840		
Model	FT400		
Working temperature range °C	-40 ... +30		
Temperature stability °C	-		
Display resolution	-		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.45	0.36	0.30
	-20 °C	-40 °C	-80 °C
	0.14	0.03	-
Immersion probe / flexible probe (L x dia. cm)	12 x 5		
Connection tube (L) cm	120		
Dimensions cm	W x L x H 20 x 30 x 43		



FT900

Order No.	9 650 890		
Model	FT900		
Working temperature range °C	-90 ... +30		
Temperature stability °C	-		
Display resolution	-		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.3	0.27	0.27
	-20 °C	-40 °C	-80 °C
	0.24	0.2	0.07
Immersion probe / flexible probe (L x dia. cm)	65 x 1.5 flexible		
Connection tube (L) cm	160		
Dimensions cm	W x L x H 38 x 55 x 60		

Applications

Cooling of liquids, dry-ice substitute, countercooling for heating circulators, saving of tap water



FT402

Order No.	9 650 842		
Model	FT402		
Working temperature range °C	-40 ... +30		
Temperature stability °C	±0.5		
Display resolution	LED / 0.1		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.45	0.36	0.30
	-20 °C	-40 °C	-80 °C
	0.14	0.03	-
Immersion probe / flexible probe (L x dia. cm)	12 x 5		
Connection tube (L) cm	120		
Dimensions cm	W x L x H 20 x 30 x 43		



FT902

Order No.	9 650 892		
Model	FT902		
Working temperature range °C	-90 ... +30		
Temperature stability °C	±1		
Display resolution	LED / 0.1		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.3	0.27	0.27
	-20 °C	-40 °C	-80 °C
	0.24	0.2	0.07
Immersion probe / flexible probe (L x dia. cm)	65 x 1.5 flexible		
Connection tube (L) cm	160		
Dimensions cm	W x L x H 38 x 55 x 60		



FT903

Order No.	9 650 893		
Model	FT903		
Working temperature range °C	-90 ... +30		
Temperature stability °C	±1		
Display resolution	LED / 0.1		
Cooling capacity kW	+20 °C	+10 °C	0 °C
	0.3	0.29	0.28
	-20 °C	-40 °C	-80 °C
	0.25	0.23	0.05
Immersion probe / flexible probe (L x dia. cm)	5.6 x 14		
Connection tube (L) cm	160		
Dimensions cm	W x L x H 38 x 55 x 60		

The **JULABO** advantages at a glance.

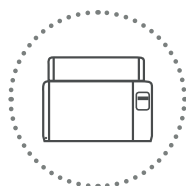
JULABO temperature control – high-precision and speed

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



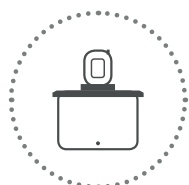
Refrigerated Circulators

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



Water Baths and Shaking Water Baths

Water baths and shaking water baths from JULABO can be used for a variety of applications in the temperature range from +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 from +20 °C to +300 °C.



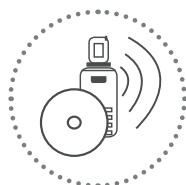
Additional Products

In addition, the JULABO product portfolio has equipment for special applications such as Calibration Baths, Visco Baths, Beer Forcing Test Bath, 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 new PRESTO® line offers unique high performance specifications to meet these requirements.



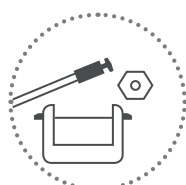
Wireless Communication & Software Solutions

JULABO facilitates the automation of applications. The temperature control units 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 range of -25 °C to +130 °C.



Accessories

The extensive range of accessories for all our instruments allows the flexible use of JULABO products in research and industry.

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 their JULABO unit.

Individual requirements – individual products

The wide range of JULABO offers a solution for almost any application. However, if a specific application needs more than a standard product is able to offer, the JULABO specialists will work out an individual solution with you.



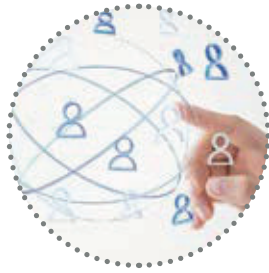
JULABO. Quality.

Highest standards of quality for 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 successful final inspection.



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