

Calibration Baths

Calibration Baths

for working temperatures from +50 °C to +300 °C

JULABO calibration baths are ideal for high precision calibration of sensors, measuring instruments, thermometers, etc. The instruments are certified for application in DKD laboratories and according to the requirements specified by DIN EN ISO 9001:2000.

Advantages

- Highest temperature stability up to ± 0.005 °C
- Precision Pt100 sensor for reference temperature measurements (optional)
- Display resolution 0.01 °C across the entire temperature range
- Temperature chamber with constant level for best uniformity
- With calibration certificates according to ISO and DKD (option)

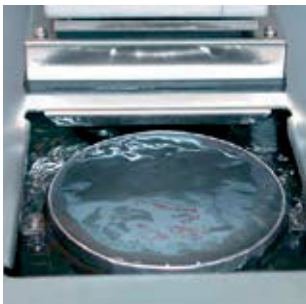
VFD Comfort Display



All temperatures on one screen: The large display shows up to three temperature values simultaneously:

- ① Reference temperature
- ② Setpoint temperature
- ③ Actual temperature

Temperature chamber with uniform overflow



Removable circulator



SL-8K

Order No.	9 352 508		
Model	SL-8K		
Working temperature range °C	+50 ... +300		
Temperature stability °C	± 0.005		
Heating capacity kW	3		
Pump capacity	l/min	22 ... 26	
Flow rate/Pressure	bar	0.4 ... 0.7	
Bath opening / Usable bath depth cm	\varnothing 12 / 17		
Filling volume liters	8		
Dimensions cm	W x L x H 22 x 46 x 47		



SL-14K

Order No.	9 352 514		
Model	SL-14K		
Working temperature range °C	+50 ... +300		
Temperature stability °C	± 0.005		
Heating capacity kW	3		
Pump capacity	l/min	22 ... 26	
Flow rate/Pressure	bar	0.4 ... 0.7	
Bath opening / Usable bath depth cm	\varnothing 12 / 31		
Filling volume liters	14		
Dimensions cm	W x L x H 22 x 46 x 61		

Calibration Baths

for working temperatures from -30 °C to +200 °C
with integrated refrigeration unit

The calibration baths on this page feature an integrated refrigeration unit and are suitable for calibration applications to -30 °C. The bath cover with openings and Viton® sleeves is already included in delivery for all models.

Advantages

- Integrated refrigeration unit
- Compact design
- Low noise level
- ACC Active Cooling Control across the entire working temperature range
- Removable venting grid
- With calibration certificates according to ISO and DKD (option)

Applications

Calibration for the determination of conformity to national and international standards such as temperature sensors, measuring units or thermometers.



FK30-SL

Order No.	9 352 627		
Model	FK30-SL		
Working temperature range °C	-30 ... +200		
Temperature stability °C	±0.005		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.46	0.34	0.15
Pump capacity	l/min	22 ... 26	
Flow rate/Pressure	bar	0.4 ... 0.7	
Bath opening/Usable bath depth cm	Ø 12 / 17		
Filling volume liters	14		
Dimensions cm	W x L x H 32 x 45 x 79		



FK31-SL

Order No.	9 352 628		
Model	FK31-SL		
Working temperature range °C	-30 ... +200		
Temperature stability °C	±0.005		
Heating capacity kW	2		
Cooling capacity kW (Bath fluid: Ethanol)	+20 °C	0 °C	-20 °C
	0.46	0.34	0.15
Pump capacity	l/min	22 ... 26	
Flow rate/Pressure	bar	0.4 ... 0.7	
Bath opening/Usable bath depth cm	Ø 12 / 31		
Filling volume liters	24		
Dimensions cm	W x L x H 32 x 45 x 91		