



Calibration Baths

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

JULABO calibration baths are ideal for high precision calibration of sensors, measuring devices, thermometers, etc. These instruments are ideal for applications in calibration laboratories and conform to the requirements specified by DIN EN ISO 9001:2000.

Advantages

- Highest available temperature stability; ± 0.005 °C
- Precision Pt100 sensor for reference temperature measurements (optional)
- Display resolution 0.01 °C across the entire temperature range
- Homogeneous temperature chamber with constant level
- ISO and DKD calibration certificates are available

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

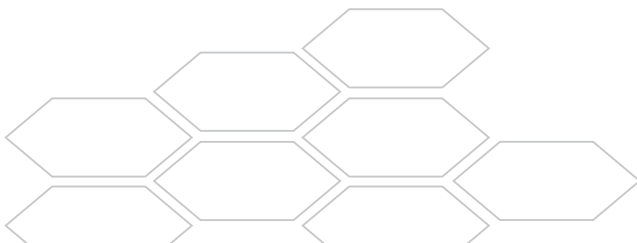
Removable circulator



Temperature chamber with uniform overflow



JULABO Order No.	JULABO Model	Working temperature range °C	Temp. stability °C	Heating capacity kW	Pump capacity Flow rate / Pressure l/min bar	Bath opening/ Usable bath depth cm	Filling volume liters	Dimensions W x L x H cm
9 352 508	SL-8K	+50 ... +300	± 0.005	3	22-26 0.4-0.7	dia. 12 / 17	8	22 x 46 x 47
9 352 514	SL-14K	+50 ... +300	± 0.005	3	22-26 0.4-0.7	dia. 12 / 31	14	22 x 46 x 61





FK30-SL

FK31-SL

Applications

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

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.

Advantages

- Integrated refrigeration unit
- Compact design
- Low noise level
- ACC Active Cooling Control across the entire working temperature range
- Removable venting grid
- ISO and DKD calibration certificates are available

Included with each unit

8 970 246 Bath cover with openings and Viton® sleeves:
2 x 3 mm, 2 x 4 mm, 2 x 6 mm inner dia.

Accessories

8 981 002 **Precision Pt100 reference sensor 180 x 4 mm dia.**

9 660 003 FL300 recirculating cooler for SL-8K & SL-14K

Viton® sleeves (2 pcs.)

8 930 602 for sensor 2 mm dia.

8 930 603 for sensor 3 mm dia.

8 930 604 for sensor 4 mm dia.

8 930 605 for sensor 5 mm dia.

8 930 606 for sensor 6 mm dia.

8 930 608 for sensor 8 mm dia.

JULABO Order No.	JULABO Model	Working temp. range °C	Temp. stability °C	Heat. cap. kW	Cooling capacity kW (Bath fluid: Ethanol)			Pump capacity		Bath opening/ Usable bath depth cm	Filling vol. liters	Dimensions W x L x H cm	
					+20	0	-20 °C	Flow rate /	Pressure				
9 352 627	FK30-SL	-30 ... +200	up to ±0.005	2	0.46	0.34	0.15	22-26	0.4-0.7	bar	dia. 12 / 17	14	32 x 45 x 79
9 352 628	FK31-SL	-30 ... +200	up to ±0.005	2	0.46	0.34	0.15	22-26	0.4-0.7	bar	dia. 12 / 31	24	32 x 45 x 91

Calibration Certificates

Calibration at 3 or 5 selectable measuring points depending on certificate

For calibration baths

8 902 113	ISO-3-Point Calibration certificate
8 902 115	ISO-5-Point Calibration certificate
8 902 123	DKD-3-Point Calibration certificate
8 902 125	DKD-5-Point Calibration certificate

For precision reference sensor

8 902 213	ISO-3-Point Calibration certificate
8 902 215	ISO-5-Point Calibration certificate
8 902 223	DKD-3-Point Calibration certificate
8 902 225	DKD-5-Point Calibration certificate

