

SL-8K HighTech SL Calibration Bath

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.

Your advantages

- VFD COMFORT DISPLAY
- · LCD DIALOG DISPLAY backlit for convenient interactive operation
- · Keypad for setpoints, warning/safety values and menu functions
- ICC (Intelligent Cascade Control), self-optimizing temperature control
- TCF Temperature Control Features to optimize the control behavior
- ATC3 3-Point-Calibration
- Pt100 External sensor connection for measurement and control
- SMART PUMP, electronically adjustable pump stages
- Adjustable high temperature cut-out, visible via display
- Integrated programmer for 6 x 60 program steps
- Highest temperature stability to ±0.005 °C (±0.02 °C at +200 °C)
- Temperature uniformity better than ±0.01 °C
- Optional Pt100 sensor for reference temperature measurements
- Temperature chamber with overflow at maximum liquid level

Technical data

Ambient temperature °C

Temperature display resolution °C

Available voltage versions			Bath	
Order No.	9 352 508		Bath tank	Stainless steel
Available voltage versions:			Bath cover	integrated
9 352 508.33	230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)		Usable bath opening cm (W x L / D)	12 x 17 /
Cooling			Other	
Cooling coil		integrated	Classification	Classification III (FL)
			IP Code	IP 21
			Pump type	Immersion Pump
Electronics			Dimensions and volumes	
Digital interface		Profibus optional	Usable immersion depth cm	17
External pt100 sensor connection		integrated	Weight kg	16
Integrated programmer		6x60 steps	Dimensions cm ($W \times L \times H$)	22 x 46 x 47
Temperature control		ICC	Filling volume I	8
Absolute temperature calibration		3 Point Calibration		
Temperature display		VFD		
Temperature setting		Keypad		
Temperature va	alues			
Working temperature range °C		+50 +300		
Temperature stabil	ity °C	±0.005		

5 ... 40

0.01





Power and capacities

230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)

208V/50Hz		208V/60Hz	
Heating capacity kW	3	Heating capacity kW	3
Cooling capacity °C kW		Cooling capacity °C kW	
Viscosity max. cST	70	Viscosity max. cST	70
Pump capacity flow rate I/min	22 26	Pump capacity flow rate l/min	22 26
Pump capacity flow pressure bar	0.4 0.7	Pump capacity flow pressure bar	0.4 0.7
Maximum suction bar	0.2 0.4	Maximum suction bar	0.2 0.4
230V/50Hz		230V/60Hz	
Heating capacity kW	3	Heating capacity kW	3
Cooling capacity °C kW		Cooling capacity °C kW	
Viscosity max. cST	70	Viscosity max. cST	70
Pump capacity flow rate I/min	22 26	Pump capacity flow rate I/min	22 26
Pump capacity flow pressure bar	0.4 0.7	Pump capacity flow pressure bar	0.4 0.7
Maximum suction bar	0.2 0.4	Maximum suction bar	0.2 0.4

Benefits



JULABO. Quality. Highest standards of quality for a long product life.



Satisfied customers. 11 subsidiaries and more than 100 partners

worldwide guarantee fast and qualified JULABO support.



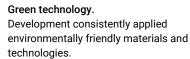
Quick start. Individual JULABO consultation and



Connection of additional equipment Stakei connections for solenoid valve, HSP booster pump and HST booster heater

comprehensive manuals at your disposal.





100% Checked.

Services 24/7.

100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at www.julabo.com.



Early warning system for high/low temperature limits

Maximum safety for applications, optical and audible alarm, convertible to automated cut-off function

Julaba



Clever pump system Reliable and consistent pump capacity, electronically adjustable pump stages

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CF

For flammable bath fluid Classification III (FL) according to DIN 12876-1

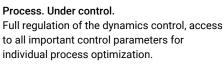


Control from the external application External Pt100 sensor connection for precise measurement and control directly in the external application



ATC3. Calibration. 'Absolute Temperature Calibration' for

compensating a physically caused temperature difference, 3-point calibration.





Energy saving cooling

Proportional cooling control for automatic adjustment of cooling power or temporary switch-off of compressor as needed to save up to 90 % energy in comparison to unregulated cooling machines



100 % Cooling capacity 'Active Cooling Control' for cooling available throughout the entire working temperature range, fast cool-down even at higher temperatures



Condensation and ice protection A heated cover plate prevents condensation or ice build-up in the bath