

Product Image



Order Information

Model: SL-14K
 Order no.: 9352514
 Available mains power:
 230V / 50-60Hz

Sales & Support:

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 Monday to Friday
 7:30 am - 17:00 pm

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Technical changes reserved.
 Pictures may differ from original.

Description

Calibration Bath for Working Temperatures up to +300 °C

The new calibration baths are perfectly suitable for applications in calibration laboratories and conform to the requirements specified by DIN ISO 9001:2000. The instruments provide highest temperature stability and temperature uniformity. An optional precision reference sensor with integrated measuring electronics and RS232 connection is available.

Advantages

- o VFD COMFORT DISPLAY, resolution 0.01 °C
- o LCD DIALOG DISPLAY backlit for convenient interactive operation
- o Keypad for setpoints, warning/safety values and menu functions
- o ICC (Intelligent Cascade Control), self-optimizing temperature control
- o TCF Temperature Control Features to optimize the control behaviour
- o ATC3 3-Point-Calibration
- o Pt100 External sensor connection for measurement and control
- o SMART PUMP, electronically adjustable pump stages
- o Early warning system for low liquid level (DBGM 203 06 059.8)
- o Adjustable high temperature cut-out, visible via display
- o RS232/RS485 interface for online communication
- o Integrated programmer for 6 x 60 program steps
- o Highest temperature stability to ± 0.005 °C (± 0.02 °C at +200 °C)
- o Temperature uniformity better than ± 0.01 °C
- o Optional Pt100 sensor for reference temperature measurements
- o Temperature chamber with overflow at maximum liquid level

Technical Specifications

Working temperature range	50 ... 300 °C
Temperature control	ICC
Temperature stability	± 0.005 °C
Display	VFD + LCD
Display resolution	0.01 °C
Integrated programmer	available
Heater capacity	3000 W
Pump capacity	Pressure: 0,7 bar Suction: 0,4 bar Flow rate: 22-26 l/min
Digital interfaces	RS232, optional Profibus
External Pt100 sensor connection	available
Bath opening / bath depth (W x L / D)	$\varnothing = 12 / 31$ cm
Filling volume	14 Liters
Dimensions (W x L x H)	22 x 46 x 61 cm
Weight	20 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	3 (FL)

Miscellaneous

Optional: Electronic module with analog connections for external programming, temperature recorder, standby, alarm (Order no. 8 900 100)
 Including bath cover with 6 openings
 Temperature stability at +200°C: ± 0.02 °C