



Product Data Sheet

SE-14K Calibration Bath

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Product Image



Order Information

Model: SE-14K
Order no.: 9250514

Available mains power:
230V / 50-60Hz

Similar Models

These models could also be interesting for you:

SE-8K
FK31-ME

Sales & Support:

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

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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 to ± 0.005 °C and temperature uniformity better than ± 0.01 °C. An optional precision reference sensor with integrated measuring electronics and RS232 connection is available.

Advantages

- o VFD COMFORT DISPLAY, resolution 0.01 °C
- o Keypad for setpoints, warning/safety values and menu functions
- o ICC (Intelligent Cascade Control), self-optimizing temperature control
- o ATC3 3-Point-Calibration
- o Pt100 External sensor connection for measurement and control
- o SMART PUMP, electronically adjustable pump stages
- o Adjustable high temperature cut-out, visible via display
- o RS232 interface for online communication
- o Integrated programmer for 10 program steps
- o Highest temperature stability to ± 0.005 °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
Display resolution	0.01 °C
Integrated programmer	available
Heater capacity	3000 W
Pump capacity	Pressure: 700 mbar Suction: 400 mbar Flow rate: 22-26 l/min
Digital interfaces	RS232, optional Profibus
External Pt100 sensor connection	available
Bath opening / bath depth (W x L / D)	Ø = 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