

Calibration Baths

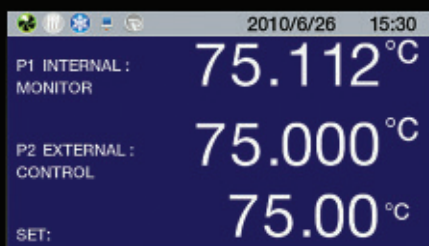
Key Specifications

Calibration Temperatures:	From -30° to +200°C
Temperature Stability:	±0.005°C
Calibration Certificate:	2-point factory calibration
Reservoir Capacity:	15 liters



Features:

- Accommodates up to 6 temperature measuring devices
- Choice of Performance Programmable Temperature Controller with OpenMode time/temperature programming or Performance Digital Temperature Controller
- Intuitive 4.3" (10.9 cm) SmartTouch display
- Swivel 180™, LidDock™, DuraTop™, WhisperCool™, Cool Command™
- 11 languages: French, German, Spanish, Chinese, Portugese, Russian, Hindi, Arabic, Italian, Korean, English
- On-board connectivity: USB-A & B, Ethernet, RS232/485, remote on/off, and external temperature probe
- Event scheduling (time & date), real-time clock and temperature trends for up to 10 days
- Automatic and/or user-adjustable performance optimization and 10-point calibration capability
- Complies with DIN 12876-1 Class III safety requirements for use with flammable liquids
- Includes Enhanced Performance Hardware & Software Package
- Bath lid with sleeves for two each 3 mm, 4 mm, and 6 mm diameter openings



Displays calibration temperatures to 1/1000 degree C.



Accommodates thermometers and temperature sensors from 2 to 8 mm in diameter. See page 79 for available Sleeve Kits.



For additional information on Performance Programmable and Performance Digital Temperature Controller features and capabilities, see pages 16-17 and 20-21.

Heating Only Calibration Baths

Temperature Controller	Performance Programmable	Performance Digital
Programmable For Specific Test Protocols	Yes	No
Calibration Temperatures	Ambient +10° to +200°C	
Temperature Stability	±0.005°C	
Heater	1100 W (60Hz)/2200 W (50Hz)	
Pump	Variable-speed	
Reservoir Volume	15 liters	
Bath Opening/Working Depth	4.6 Ø x 11"/11.8 Ø x 28 cm	
Overall Dimensions (L X W x H)	21.3 x 8.7 x 24.3"/54.1 x 22.1 x 61.7 cm	
Part Number 120 VAC/60 Hz	PP15HCAL-A11B	PD15HCAL-A11B
Part Number 240 VAC/50 Hz	PP15HCAL-A12E	PD15HCAL-A12E

Refrigerated/Heated Calibration Baths

Temperature Controller	Performance Programmable	Performance Digital
Programmable For Specific Test Protocols	Yes	No
Calibration Temperatures	-30° to +200°C	
Cooling Capacity @ 20°C	505 W	
Temperature Stability	±0.005°C	
Heater	1100 W (60Hz)/2200 W (50Hz)	
Pump	Variable-speed	
Reservoir Volume	15 liters	
Bath Opening/Working Depth	4.6 Ø x 11"/11.7 Ø x 28 cm	
Overall Dimensions (L X W x H)	21.3 x 8.7 x 30.5"/54.1 x 22.1 x 77.5 cm	
Part Number 120 VAC/60 Hz	PP15RCAL-A11B	PD15RCAL-A11B
Part Number 240 VAC/50 Hz	PP15RCAL-A12E	PD15RCAL-A12E

Electrical plugs for the part numbers listed are standard U.S. and European types. See page 128 for additional plug types and part numbers.

Factory Calibration Services

PolyScience Calibration Baths are factory calibrated at 35° and 90°C. Additional calibration certificates are available:

1-Point Calibration: Part Number: 130-346

Additional Calibration Points: Part Number: 130-347