

15 Liter Heated Calibration Bath

Image:



PD15HCAL

Key Specifications

Description	Calibration Bath, 15 L, Htg.
Controller Type	Performance Digital
Display	4.3" SmartTouch Touchscreen
Connectivity	Ethernet, USB A & B, RS232/addressable RS485, Remote On/Off, External Temperature Probe
Languages Supported	11: French, German, Spanish, Chinese, Portuguese, Russian, Hindi, Arabic, Italian, Korean, English
Swivel 180 Rotating Controller	Yes

Working Temperature Range °C	Ambient + 10° to 200°
Temperature Stability °C	±0.005°
Fluid Optimization/Specific Heat Tuning	Automatic and/or user-adjustable
Temperature Calibration Capability	10-point
Working Access (L x W x D) (cm)	11.7 Ø x 28 cm
Pump Type	Pressure/Suction
Flammability Class (DIN 12876-1)	III (FL)

Key Features

Common Specifications

Working Temperature Range °F	Ambient + 20° to 392°
Working Temperature Range °C	Ambient + 10° to 200°
Reservoir Capacity (gallons)	3.96
Reservoir Capacity (liters)	15
Reservoir/Tank Material	Stainless Steel
Reservoir Cover	Included
DuraTop	Yes
Working Access (L x W x D) (inches)	4.6 Ø x 11 in
Working Access (L x W x D) (cm)	11.7 Ø x 28 cm
Temperature Stability °F	±0.01°
Temperature Stability °C	±0.005°
Display	4.3" SmartTouch Touchscreen
Display Resolution (Set)	0.01
Display Resolution (Read)	0.001
Pump Type	Pressure/Suction
Pump Speed	Variable
Process Connections	1/4" (F) NPT
Flammability Class (DIN 12876-1)	III (FL)
Over-Temperature Protection / Failsafe Heater Control	Yes
Low Liquid Level Protection	Yes

Reservoir Drain	Yes
Included Software	PolyTemp Viewer, TDMS file viewer, USB driver, PolyScience LabVIEW Virtual Instrument & Functions, PolyTemp Remote iPhone application
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	21.3 x 8.7 x 24.3 in
Overall Dimensions (L x W x H) (cm)	54.1 x 22.1 x 61.7 cm
Environmental Compliance	RoHS, WEEE
Shipping Weight (pounds)	50.0
Shipping Weight (kilograms)	22.7
Catalog Page Number	72-73

50 Hz Only

Part Number	PD15HCAL-A12E
Maximum Pressure (psi)	3.6
Maximum Pressure (bar)	0.25
Maximum Pressure Flow Rate (gpm)	4.40
Maximum Pressure Flow Rate (l/min)	16.7
Maximum Suction Flow Rate (gpm)	3.2
Maximum Suction Flow Rate (l/min)	12.2
Included Hardware	PT100 temperature probe, USB drive, stainless steel hose adapters for 3/8", 1/4", and 3/16", and 1/4" NPT to M16 adapter; sleeve kit
Heater Wattage	2200
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/10
Regulatory Approvals	CE

60 Hz Only

Part Number	PD15HCAL-A11B
Maximum Pressure (psi)	4.3
Maximum Pressure (bar)	0.30
Maximum Pressure Flow Rate (gpm)	5.30
Maximum Pressure Flow Rate (l/min)	20.1
Maximum Suction Flow Rate (gpm)	3.9

Maximum Suction Flow Rate (l/min)	14.7
Included Hardware	PT100 temperature probe, USB drive, stainless steel hose adapters for 3/8", 1/4", and 3/16"; sleeve kit
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/12
Regulatory Approvals	ETL

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