Cole-Parmer RHC-800P Programmable Refrigerated Circulating Bath, -40°C, 7 L; 240 VAC

Cole-Parmer – Item # EW-20873-10

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Enhance your capabilities with an array of advanced programmable features

- Intuitive touch-screen display accommodates user customization
- Controller swivels to maximize visibility
- Review temperature trends for up to 10 days
- Schedule events by time and date with a real-time clock
- Timer can be set from 0 to 999 minutes in 1-minute increments
- Minimum temperature of -40°C with a 7 L reservoir | Operates on 240 V
- 3 year warranty parts & labor
- New, improved version of FRB5D

Specifications & Description

Bath Type	Refrigerated circulating
Reservoir Capacity (L)	7
Max Temperature (° C)	200
Min Temperature (° C)	-40
Temperature Stability (° C)	±0.005
Cooling Capacity At -20° C (watts)	115
Cooling Capacity At 0° C (watts)	250
Cooling Capacity At 20° C (watts)	360
Pump Type	Pressure/suction
Refrigerant	R404A
Max Flow Rate (L/min)	16.7
Max Pump Pressure (PSI)	3.6
Max Pump Pressure (mbar)	250
Width (in)	8 45/64
Length (in)	21 19/64
Height (in)	24 19/64
Width (cm)	22.1
Length (cm)	54.1
Height (cm)	61.7
Heater Wattage (watts)	2200
Display Type	4.3\" SmartTouch touchscreen
Power (VAC)	240
Power (Hz)	50
Power (amps)	12
Warranty	3 Years

INCLUDES

Pt100 external temperature probe, USB flash drive for data logging, stainless steel fittings and tubing adapters, virtual instrument software, resource disk with operator's manual, reservoir cover, 6-ft / 1.82 m IEC to mains power cord, integral cooling coil, certificate of compliance and quick start guide

KEY FEATURES

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MORE ABOUT THIS ITEM

With multiple selectable home screens and on-screen help. the touch-screen controller features icons (with accompanying plain text terms) for Settings, Safety, Connect, Program, Home, Control, Time and Service. These let you set the desired pump speed, temperature display resolution, auto restart, display filter and other variables. Customizable safety features include High/Low limit and High/Low alarms with auto shut down. You can also enable or disable the Local Lock Out; when enabled a password entry screen will appear if the operator attempts to change the set point or access the Main Menu.

Calibration parameters include Priority, which means programs can be run using either a Time- or Temperature-based priority; Loop, which sets the number of times the program will run through the programmed steps; and Soak Temperature, the temperature the bath should be maintained at once the final step has been completed.

The USB-A port enable data logging onto a flash drive. The controller may also be directly connected to a laptop or desktop computer via its Ethernet connection (or via a wired or wireless network) to let you control or monitor the bath in real time over the internet. RS-232 and RS-485 communications are also supported.

The circulating bath tank is made of stainless steel while the deck is chemical resistant, easy to clean and accommodates probes from 2 to 8 mm in diameter. Bath complies with DIN 12876-1 Class III safety requirements for use with flammable liquids. Advanced PID algorithms increase heat responsiveness and eliminate set point overshoot.

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