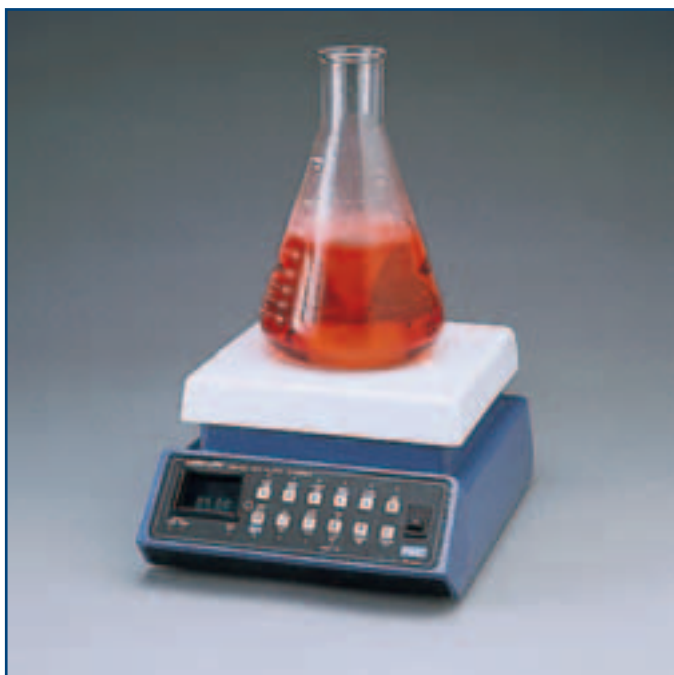


PMC
Hot Plate and
Hot Plate Stirrers



Dataplate® Digital and Programmable Hot Plate Stirrers



PMC 721P

Includes FREE Stirbar!

Product Description

PMC DATAPLATE® 720 and 730 Series Digital Stirring Hot Plates

- Digital display of all parameters .
- Temperature can be displayed in °C or °F
- Microprocessor temperature monitoring. Temperature can be controlled at the top plate surface or within the optional immersion probe.
- Precision electronic speed control (closed loop) by microprocessor. Speed is controlled to ± 20 rpm. Actual (rpm) displayed to the nearest 10 rpm.
- Digital countdown timer and audible alarm.
- Plate "HOT" Indicator flashes red when top plate surface is above 50°C (122°F).
- AUTO-OFF control sets all parameters to zero at the end of a timed period.
- Single keystroke "HEATER OFF" function key.

Digital and Programmable!

- Top plate or immersion probe temperature control
- Multiple stirring models available
- Program your procedures

Only The PMC DATAPLATE 730 Series Units Offer:

- Programming - A single program of up to 75 steps (temperature ramps or dwells and stirring speeds) can be stored in memory.
- Program memory battery back-up. Program is not lost by turning unit off.
- "HOLD" key to retain target temperature in memory if a power failure occurs.
- Aluminum top plates heat quickly and uniformly.
- Porcelain-coated stainless steel top plates which heat-up more slowly than aluminum tops, but are more chemically resistant than aluminum tops.
- Choose from 1, 5, or 9-position stirring models. All stir positions operate at the same speed.
- Five and nine-position models accommodate 5-800 ml or 9-400 ml beakers, respectively.
- Gross weight of items placed on top of all 700 Series digital hot plates should not exceed 20 lb. (9.1 kg).
- Not recommended for use with metal vessels.

Application

- Viscosity studies - up to nine samples may be processed at once
- Reaction optimization
- Solubility studies

PMC Hot Plate and Hot Plate Stirrers



PRODUCT SPECIFICATIONS

Model #	Heating Surface Inches (cm)		Heating Surface Material	Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)
	W	D		W	H	D	
Digital Stirring Hot Plates							
721A	7 (17.7)	7 (17.7)	Aluminum	8 (20.3)	4.5 (11.4)	10 (25.4)	11 (5.0)
721P	7 (17.7)	7 (17.7)	Porcelain	8 (20.3)	4.5 (11.4)	10 (25.4)	11 (5.0)
725C	10 (25.4)	10 (25.4)	Ceramic	10.5 (26.7)	6.5 (16.5)	16 (18.5)	35 (15.9)
725P	10 (25.4)	10 (25.4)	Porcelain	10.5 (26.7)	6.5 (16.5)	16 (18.5)	35 (15.9)
729P	10 (25.4)	10 (25.4)	Porcelain	10.5 (26.7)	6.5 (16.5)	16 (18.5)	43 (19.5)
Programmable, Digital Stirring Hot Plates							
731A	7 (17.7)	7 (17.7)	Aluminum	8 (20.3)	4.5 (11.4)	10 (25.4)	11 (5.0)
731P	7 (17.7)	7 (17.7)	Porcelain	8 (20.3)	4.5 (11.4)	10 (25.4)	13 (5.9)
735C	10 (25.4)	10 (25.4)	Ceramic	10.5 (26.7)	6.5 (16.5)	16 (18.5)	34 (15.4)
735P	10 (25.4)	10 (25.4)	Porcelain	10.5 (26.7)	6.5 (16.5)	16 (18.5)	36 (16.3)
739P	10 (25.4)	10 (25.4)	Porcelain	10.5 (26.7)	6.5 (16.5)	16 (18.5)	43 (19.5)

ORDERING INFORMATION

Model #	Electrical (50/60 Hertz)			Operating Temp Range		Stirring Speed RPM	# of Stirrers	US List Price
	Volts	Amps	Watts	°C	°F			
Digital Stirring Hot Plates								
721A	120	7.3	876	38-371	100-700	100-1200	1	\$887.00
721P	120	7.3	876	38-371	100-700	100-1200	1	\$931.00
721P-2	240	7.3	876	38-371	100-700	100-1200	1	\$931.00
725C	120	13.1	1577	40-370	104-698	100-1200	5	\$2,023.00
725P	120	13.1	1577	38-325	100-617	100-1200	5	\$2,036.00
729P	120	14	1690	38-325	100-617	100-1200	9	\$2,416.00
Programmable, Digital Stirring Hot Plates								
731A	120	7.3	876	38-371	100-700	100-1200	1	\$1,069.00
731P	120	7.3	876	38-371	100-700	100-1200	1	\$1,118.00
731P-2	240	7.3	876	38-371	100-700	100-1200	1	\$1,118.00
735C	120	14.5	1450	40-370	104-698	100-1200	5	\$2,168.00
735C-2	240	14.5	1450	40-370	104-698	100-1200	5	\$2,168.00
735P	120	14.5	1450	38-325	100-617	100-1200	5	\$2,278.00
735P-2	240	14.5	1450	38-325	100-617	100-1200	5	\$2,278.00
739P	120	15.5	1550	38-325	100-617	100-1200	9	\$2,454.00
739P-2	240	15.5	1550	38-325	100-617	100-1200	9	\$2,454.00

ACCESSORIES

Model #	Description	US List Price
710-0201	Immersion Probe, 6 in. (15 cm) S.S., Platinum RTD	\$134.00
710-0202	Surface Temperature Probe, Platinum RTD	\$432.00
710-0203	Immersion Probe, 6 in. Chemically Resistant Glass, Platinum RTD	\$190.00
710-0204	Immersion Probe, 10 in. Stainless Steel, Platinum RTD	\$150.00
710-0205	Immersion Probe, 6 in. Solid Teflon, Platinum RTD, Chemical Resistant up to 300°C	\$190.00
710-5001	Probe Readout Calibration Kit (High and Low Temperature Resistors)	\$88.00