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Polyscience MX07R20-A11B 7L Recirculating Heating Refrigerating Bath





7L; Temperature control from -20°C to 135°C.

Rating: Not Rated Yet
Price
Sales price $2,150.00

Ask a question about this product

ManufacturerPolyscience

Description

PolyScience MX07R-20-A11B is a compact 7-liter space-saving refrigerated circulating bath (heating and refrigerating) equipped with an MX temperature controller.

It delivers precise temperature control from -20°C to 135°C with ±0.07°C stability for laboratory applications involving reservoir use or external closed-loop circulation. The unit features a stainless steel tank, integrated heating and refrigeration, and a user-friendly digital interface. This model is well-suited for routine laboratory temperature control tasks requiring both heating and refrigeration in a compact form factor.

Key features
Capacity and design — 7 L (1.85 gal) stainless steel reservoir in a space-saving/low-profile footprint; working access approximately 6.18 × 5.59 × 5 in (15.7 × 14.2 × 12.7 cm); overall dimensions ~21.3 × 8.7 × 25.4 in (54.1 × 22.1 × 64.5 cm).
Temperature performance — Working range -20°C to 135°C (-4°F to 275°F); temperature stability ±0.07°C; single-point calibration capability.
Controller and display — MX controller with large 3.25" LCD showing universal icons and English text; on-screen prompts for easy setup and operation; display resolution 0.1.
Heating and cooling — 1100 W heater; cooling capacity of 200 W at +20°C (also ~30 W at -20°C and 120 W at 0°C); Cool Command™ modulated refrigeration system and WhisperCool™ environmental control for quieter, more efficient operation.
Circulation — Single-speed pressure pump for external closed-loop circulation; maximum pressure ~2.3 psi (0.16 bar); maximum flow rate ~3.6 gpm (13.5 L/min).
Convenience features — LidDock™ self-stowing reservoir cover; DuraTop™ insulating, chemical-resistant top deck; reservoir drain; washable air filter.
Safety and compliance — Over-temperature protection with failsafe heater control; low liquid level protection; user-adjustable high/low temperature limits and alarms; complies with DIN 12876-1 Class I (for non-flammable liquids); ETL approved (R134a refrigerant; RoHS/WEEE compliant).
Power — 120 VAC, 60 Hz, 1 phase, 12 A (part number MX07R-20-A11B; 50 Hz version available separately).

Comes with our 90-day warranty.

Biotech Equipment Sales, Inc.: based in South San Francisco, the Biotech capital of the world, since 2009. We are dedicated to bringing high-quality pre-owned laboratory instrumentation to our scientific community.

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