

20 Liter Heated Circulator



SD20H170

Key Specifications

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|--|---------------------------|
| Description | 170, 20 L Htg. Circulator |
| Controller Type | Standard Digital |
| Display | 3.75" Touch-Pad LCD |
| Connectivity | RS232 |
| Languages Supported | English |
| Swivel 180 Rotating Controller | Yes |
| Working Temperature Range °C | Ambient +10° to 170° |
| Temperature Stability °C | ±0.04° |
| Fluid Optimization/Specific Heat Tuning | Automatic |
| Temperature Calibration Capability | 1-point |
| Working Access (L x W x D) (cm) | 25 x 31.6 x 14 cm |
| Pump Type | Pressure |
| Flammability Class (DIN 12876-1) | I (NFL) |

Key Features

Standard Digital Controller

Key Features

- Large, universal icon and English display
- Swivel 180™ Rotating Controller
- On-board connectivity: RS-232 serial output
- On-screen prompts
- Automatic performance optimization
- Single-point calibration capability

Common Specifications

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|--|-----------------------|
| Working Temperature Range °F | Ambient + 20° to 338° |
| Working Temperature Range °C | Ambient +10° to 170° |
| Reservoir Capacity (gallons) | 5.28 |
| Reservoir Capacity (liters) | 20 |
| Reservoir/Tank Material | Stainless Steel |
| Reservoir Cover | Included |
| DuraTop | Yes |
| LidDock | Yes |
| Working Access (L x W x D) (inches) | 9.85 x 12.45 x 5.5 in |
| Working Access (L x W x D) (cm) | 25 x 31.6 x 14 cm |
| Temperature Stability °F | ±0.08° |
| Temperature Stability °C | ±0.04° |
| Display | 3.75" Touch-Pad LCD |
| Display Resolution (Set) | 0.1 |
| Display Resolution (Read) | 0.1 |
| Pump Type | Pressure |
| Pump Speed | Two |
| Process Connections | 1/4" (F) NPT |
| Flammability Class (DIN 12876-1) | I (NFL) |
| Over-Temperature Protection / Failsafe Heater Control | Yes |
| Low Liquid Level Protection | Yes |
| Reservoir Drain | Yes |
| Cooling Coil | Yes |
| Maximum Ambient Temperature °F | 95° |
| Maximum Ambient Temperature °C | 35° |
| Overall Dimensions (L x W x H) (inches) | 24 x 16.5 x 16.6 in |
| Overall Dimensions (L x W x H) (cm) | 61 x 41.9 x 42.2 cm |
| Environmental Compliance | RoHS, WEEE |
| Shipping Weight (pounds) | 70.0 |
| Shipping Weight (kilograms) | 31.7 |

60 Hz Only

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|--|---|
| Part Number | SD20H170-A11B |
| Maximum Pressure (psi) | 3.5 |
| Maximum Pressure (bar) | 0.24 |
| Maximum Pressure Flow Rate (gpm) | 2.90 |
| Maximum Pressure Flow Rate (l/min) | 11.0 |
| Included Hardware | Nylon hose adapters for 3/8", 1/4", and 3/16" |
| Heater Wattage | 1100 |
| Electrical Requirements (VAC/Hz/Ph/A) | 120/60/1/10 |
| Regulatory Approvals | ETL |

50 Hz Only

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|--|--|
| Part Number | SD20H170-A12E |
| Maximum Pressure (psi) | 2.9 |
| Maximum Pressure (bar) | 0.20 |
| Maximum Pressure Flow Rate (gpm) | 2.70 |
| Maximum Pressure Flow Rate (l/min) | 10.2 |
| Included Hardware | Nylon hose adapters for 3/8", 1/4", and 3/16", and 1/4" NPT to M16 adapter |
| Heater Wattage | 2200 |
| Electrical Requirements (VAC/Hz/Ph/A) | 240/50/1/10 |
| Regulatory Approvals | CE |



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Source URL (modified on 12/26/2019 - 15:09): <https://www.polyscience.com/circulating-baths/20-liter-heated-circulator-0>