

REFRIGERATED & HEATED BATH/CIRCULATOR



Model 2050W

Compact Economical User-Friendly

Choose from CARON's entire line of constant temperature equipment.

- Temperature & Humidity Chambers
- Photostability Chambers
- Extended Range Chambers
- Incubators
- Baths/Circulators
- Huber Baths & Circulators
- Custom and OEM Products

- Ideal for end-user and OEM applications
- Cooling capacity of 300W at 20°C process

CARON's general-purpose 2050W is ideal for internal and external temperature control for a variety of applications requiring heating and cooling. This compact unit offers consistent system performance with easy operation at an unbeatably low price.

Standard features such as microprocessor-based PID controller, easy-to-use QDC fittings, stainless steel reservoir, and redundant safety alarms facilitate user friendly operation and simple maintenance. Built-in handles offer sturdy, safe leverage for portability while vinyl feet ensure stable placement on your bench top.

The 2050W utilizes environmentally friendly CFC-free refrigerant and insulation, and is designed to meet NEC, UL, and CSA standards for safety and performance. The 230V, 50/60 Hz model is CE marked. CARON's entire line of constant temperature equipment is fully covered by a 12-month parts and labor warranty.

STANDARD FEATURES

- Microprocessor based PID controller with autotune, front panel lock security, and NEMA 4X water-resistant rating
- LED temperature display with 0.1°C resolution
- Programmable high and low temperature alarms with LED indication
- Audible and visual over temperature alarms
- Audible and visual low fluid level alarms
- Stainless steel sheath temperature probe
- Variable over temperature control (factory set)
- Non-volatile memory allows temperature to return to original setpoint when power is restored, in the event of a power failure
- Stainless steel reservoir with lid
- Stainless steel evaporator coil
- External pumping capabilities of 6.5 LPM (standard features continued on back)



STANDARD FEATURES (continued)

- Wide operating temperature range from -18°C to 90°C
- Baked on enamel over metal exterior
- International voltages, 50 Hz, CE marked
- Quick, simple QDC fittings
- Compact, space-saving design

OPTIONAL FEATURES

- Programmable high or low temperature alarm with logic output
- Extended temperature ranges (consult factory for details)
- Elevated pumping capabilities (consult factory for details)

END-USER AND OEM APPLICATIONS INCLUDING:

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|--|---------------------------|
| Electron microscopes | Embryological studies |
| General laboratory apparatus and cooling | Isoelectric focusing |
| Water-jacketed incubators | Chromatography |
| Rotary evaporators | Enzyme and protein assays |
| Calibration | Laser cooling |
| Sampling devices | Electrophoresis |
| HPLC column thermostating | Spectrophotometers |
| Viscometers | Condensers |
| Nebulizers | Refractometers |

SPECIFICATIONS

FEATURES	MODEL 2050W
Temperature Range	-18°C to 90°C
Temperature Control	± 0.1°C
Temperature Controller	Digital display, PID control, 1/32 DIN
Cooling Capacity @ 20°C	1025 BTU/Hr, 300 Watts
Power Requirements	115V, 60 Hz, 10 Amps; 230V, 50/60 Hz, 5 Amps (CE Marked)
External Pumping	6.5 LPM at 0' head
Work Area Dimensions	6.0" W x 2.3" F-B x 6.5" D
External Dimensions	13.5" W x 13.5" F-B x 14.0" H (34.3cm x 34.3cm x 35.6cm)
Heater	750 Watts
Safeties	Audio & visual over temperature and low level alarm and shutoff
Reservoir Capacity	1.4 Gallons (3.2 Liters)
Bath Reservoir/Lid Material	Stainless steel
Cabinet Material	Stainless steel and power coated metal
Shipping Weight	49 lbs. (22.2 kgs)

