

Model 605 Column Oven

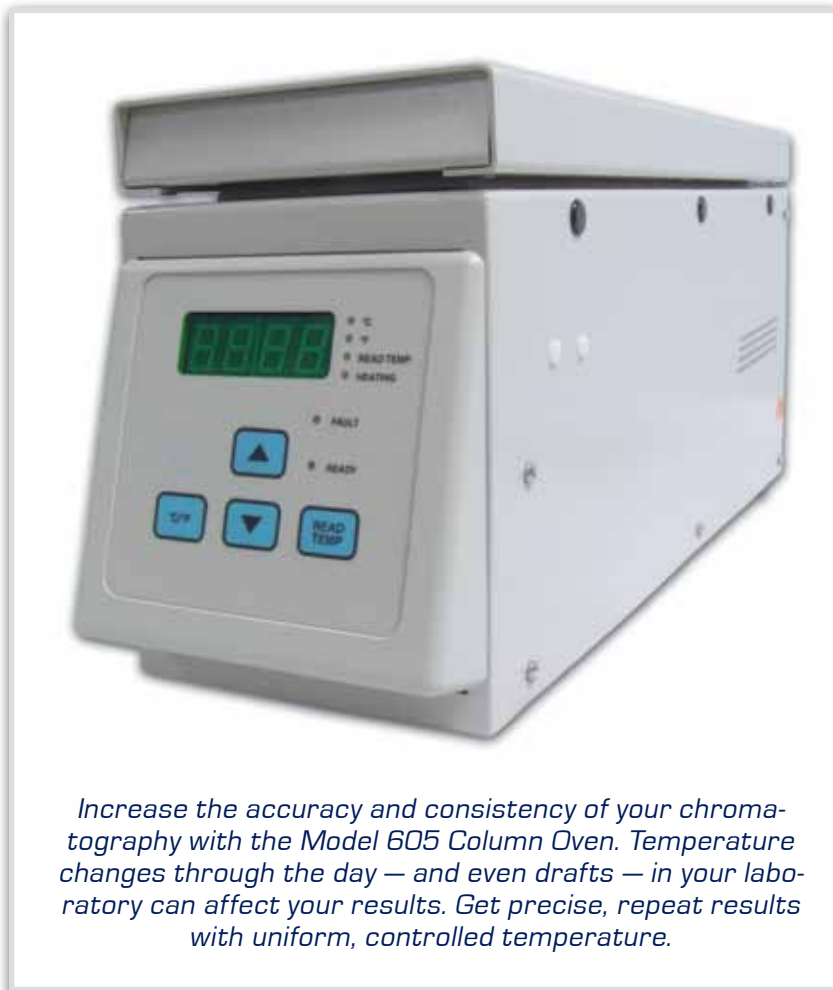
Increase the Accuracy and Consistency of Your Chromatography

The Model 605 Column Oven regulates temperature with precise control to increase the accuracy and consistency of your chromatography.

- *Precise Control*
- *Consistent Performance*
- *Compact*



The Model 605 holds up to 6 Analytical or GPC Columns.



Increase the accuracy and consistency of your chromatography with the Model 605 Column Oven. Temperature changes through the day — and even drafts — in your laboratory can affect your results. Get precise, repeat results with uniform, controlled temperature.

Uniform Temperature

- All major elements — columns, injector, precolumns — are enclosed in the oven chamber.
- Constant temperature is maintained entire length of fluid path.
- Mobile phase is used as transfer medium; temperature is unaffected by flow rate.

Precise

- Temperature is maintained within $\pm 0.2^{\circ}\text{C}$

Large Capacity

- Holds up to six analytical or GPC columns
- No need for special blocks or inserts

The Model 605 carries a 3-Year Warranty.

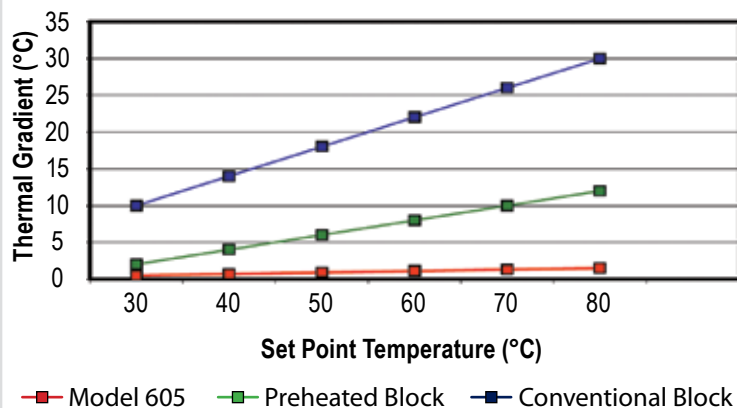
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Model 605 Column Oven

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Model 605 Column Oven Specifications

Operating Range	10° C above ambient to 100° C.
Recommended Flow Range	Up to 8 mL/min.
Temperature Accuracy	±2° C over entire range. The setpoint changes slightly depending on composition and mobile phase flow rate.
Temperature Repeatability	±1° C
Temperature Stability	±0.2° C
Thermal Safety Cutoff	118° C, self-resetting
Stabilizing Time	30 minutes to 100° C for “ready” at 2 mL/min. For analyses requiring high precision, wait 30 minutes after the READY light illuminates before beginning an analysis.
Average Cooling Time	30 minutes to 10° C above ambient at 2 mL/min from 100° C (with cover off).
Column Capacity	Up to three 3/8-in. x 30 cm columns or four 1/4-in. x 30 cm columns
Column Chamber Material	Anodized, solvent resistant aluminum
Line Voltage	The power entry module on the rear of the cabinet can be set by the user to 100-120 Vac single-fused or 220-240 Vac double-fused, 50/60 Hz operation.
Power Consumption	120 watts
Overall Dimensions	8.75” H x 5” W x 19.5” D (22.2 x 12.7 x 49.5 cm)
Weight	21 lbs. (9.5 kg)
Remote Inputs	RS-232 0 to 10 Vdc set point temperature voltage control.
Remote Outputs	RS-232 Relay contact closure when oven is ready. The contact is rated at 0.25 amp maximum, 100 Vdc maximum, and 0.2 ohm.



Note the improved thermal gradient effects of the Model 605 Column Oven when compared to conventional and preheated block heaters.

Ordering Information

DESCRIPTION	PART No.
MODEL 605 COLUMN OVEN	200584