

# Column Oven CO-2060/2065/2067



The CO-2060 and CO-2065 are air circulation ovens used for controlling and maintaining the temperature of a chromatographic column. Temperature control range of the CO-2060 is from -15°C below ambient temperature to 80°C using air-cooled Peltier element, while the range of the CO-2065 is from 10°C above ambient temperature to 80°C. The CO-2060/2065 accept 2 columns up to 40 cm length and the Rheodyne injector inside the oven.

The CO-2067 is a compact column heater/cooler employing an aluminium block design. Temperature control range is from -15°C below ambient temperature to 65°C using Peltier elements. The CO-2067 can accommodate 2 columns 15 cm or 25 cm in length.

The CO-2060/2065/2067 can easily be interfaced with the JASCO HPLC system using the JASCO chromatography data systems. These packages offer full automation of all JASCO HPLC components including the CO-2060/2065/2067.

- Excellent precision of the temperature control is afforded by digital PID control using a microcomputer.
- Self-check functions are employed to shut off the power to the heater when unusually high temperatures or flammable solvent leaks within the oven are detected. In addition, external output signals can be used to shut down peripheral equipment.
- In addition to preheating of the mobile phase, preheating of the sample is also possible since the Rheodyne injector can be placed inside the oven. (CO-2060/2065)
- Time programming functions are included.



## SPECIFICATIONS

<b>Model:</b>	CO-2060	CO-2065	CO-2067
<b>Temperature control range:</b>	-15°C below ambient to 80°C	10°C above ambient to 80°C	-15°C below ambient to 65°C
<b>Temperature setting range:</b>	4°C ~ 80°C (set in increments of 0.1°C)	4°C ~ 80°C (set in increments of 0.1°C)	4°C ~ 65°C (set in increments of 0.1°C)
<b>Temperature control precision:</b>	±0.1°C (When temperature is set at 40°C)	±0.1°C (When temperature is set at 40°C)	±0.1°C (When temperature is set at 40°C)
<b>Maximum column dimensions:</b>	120 (W) x 425 (H) x 120 (D) mm	120 (W) x 425 (H) x 120 (D) mm	50 (W) x 315 (H) x 18 (D) mm
<b>Safety features:</b>	Heater power shut off when unusually high temperatures or flammable solvent leaks are detected.		
<b>Temperature control method:</b>	Digital PID control by microprocessor		
<b>Self-check/Self diagnostics:</b>	Abnormal temperatures, flammable solvent leaks, memory (ROM, RAM), DC power voltage		
<b>Display:</b>	The actual temperature and set temperature are displayed on an LCD. When a problem is detected, an appropriate error message is displayed.		
<b>Time program:</b>			
Number of files:	5	5	5
Number of steps per file:	64	64	64
Setting items:	Temperature, column A, column B	Temperature, column A, column B	Temperature
<b>Input/Output terminals:</b>	Marker input/output, trouble stop input/output, program start input, temperature output, LC-NET	Marker input/output, trouble stop input/output, program start input, temperature output, LC-NET	Trouble stop input/output, program start input, LC-NET
<b>Option:</b>	Rheodyne injector 7725 (can be placed inside the oven door)	Rheodyne injector 7725 (can be placed inside the oven door)	Rheodyne injector 7725
<b>Dimensions:</b>	150 (W) x 470 (D) x 465 (H) mm	150 (W) x 470 (D) x 465 (H) mm	105 (W) x 320 (D) x 385 (H) mm
<b>Weight:</b>	Approx. 19 kg	Approx. 15 kg	Approx. 8.6 kg
<b>Power requirements:</b>	AC 100 ~ 240V, 50/60Hz, 355VA	AC 100 ~ 240V, 50/60Hz, 230VA	AC 100 ~ 240V, 50/60Hz, 165VA

## STANDARD ACCESSORIES

Drain tube, 9 mm O.D. x 5 mm I.D. x 100 mm	1 pc
Spare fuse	2 pcs
AC power cable	1 pc

## ORDERING INFORMATION

6834-J002B	Model CO-2060	Column Oven
6835-J002B	Model CO-2065	Column Oven
6892-J002B	Model CO-2067	Column Oven
6818-J002B	Model PU-2080	HPLC Pump
6823-J003B	Model PU-2089	Quaternary HPLC Pump
6820-J002B	Model PU-2085	Semi-micro HPLC Pump
6821-J002B	Model PU-2086	Semi-preparative HPLC Pump
6822-J002B	Model PU-2087	Preparative HPLC Pump
6819-J002B	Model PU-2080i	Bio-inert HPLC Pump
6823-J004B	Model PU-2089i	Bio-inert Quaternary HPLC Pump
6824-J002B	Model UV-2070	UV/VIS Detector (~ 900 nm)
6825-J002B	Model UV-2075	UV/VIS Detector (~ 600 nm)
6826-J002B	Model UV-2077	Multi-wavelength UV/VIS Detector
6832-J002B	Model MD-2015	Diode Array Detector (~ 900 nm)
6831-J002B	Model MD-2010	Diode Array Detector (~ 600 nm)
6829-J003B	Model FP-2020	Fluorescence Detector
6833-J002B	Model RI-2031	Refractive Index detector
6838-J002B	Model CD-2095	Circular Dichroism Detector
6837-J002B	Model OR-2090	Chiral Detector
6836-J002B	Model CL-2027	Chemiluminescence Detector
6828-J008B	Model AS-2059	Autosampler
6827-J005B	Model AS-2055	Autosampler
6827-J006B	Model AS-2057	Autosampler

● Specifications are subject to change without notice.



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