



## E-Chrom Tech Co., Ltd.

TEL: +886-2-2511-1887

FAX: +886-2-2537-1870

EMAIL: [service@echromtech.com](mailto:service@echromtech.com)

ADD: 10F-12, NO.20, Min Chuan W. Road, Taipei  
104, Taiwan

WEB: [www.echromtech.com](http://www.echromtech.com)

### A05- HPLC Column Heater

#### Descriptions

This instrument is used to stably and precisely control the temperature of analysis thus sensitivity, separation of peaks, analysis time of the chromatography management can be improved to ensure the accuracy and reproducibility of sample results.

### A05- HPLC Ch-300 (500) Column Heater



#### Features

- A. Unified design allows the column flexible arrangement of horizontal or vertical setting.
- B. Accurate temperature control and display: Two 4-digit LED display can ensure temperature control accuracy to  $\pm 0.1^{\circ}\text{C}$ .
- C. Fast and easy column installation: Magnetic elements create easy opening and closing of the column heater cover.
- D. Easy for observation: Transparent window allows clear view inside the HPLC column.
- E. Safe anti-leaking design: A container placed under heating chamber can prevent liquid from leaking.
- F. Flexible column placement: Provide stainless clamp holder inside heating chamber to make it easy for installing the column under heat.
- G. Smooth pipe: Provide smooth connection between input and output ports to guarantee that liquid can pass through.
- H. Stable column heater base: Provide additional large size base that can be mounted with column heater



## E-Chrom Tech Co., Ltd.

TEL: +886-2-2511-1887

FAX: +886-2-2537-1870

EMAIL: [service@echromtech.com](mailto:service@echromtech.com)

ADD: 10F-12, NO.20, Min Chuan W. Road, Taipei  
104, Taiwan

WEB: [www.echromtech.com](http://www.echromtech.com)

when required to stabilize the column heater.

- I. Convenient sample inserting valve component kits that can be fixed at any height of the column heater.

### Specifications

Model	<b>HPLC CH-300 (500) Column Heater</b>
Temperature Range	Room temperature to 100°C
Max Temperature	110°C
Temperature Increment	±0.1°C
Temperature Control Accuracy	±0.1°C
Temperature Stability	±0.1°C
Display	4-digit LED Actual Temperature Display (Red) 4-digit LED Set Temperature Display (Green)
Power Consumption	125W (CH-300) 160W (CH-500)
External Dimensions (W × D × H)	CH-300: 64mm × 105mm × 490mm CH-500: 110mm × 105mm × 540mm
Column Dimensions (W × D × H)	CH-300: 45mm × 33mm × 360mm CH-500: 82mm × 33mm × 400mm



## E-Chrom Tech Co., Ltd.

TEL: +886-2-2511-1887

FAX: +886-2-2537-1870

EMAIL: service@echromtech.com

ADD: 10F-12, NO.20, Min Chuan W. Road, Taipei  
104, Taiwan

WEB: www.echromtech.com

### A05- HPLC CH-600 Column Heater



#### Features

- A. Super size column heater: Ambient size 145mm × 380mm × 110mm (W × H × D)
- B. Three options of column height
- C. A powerful fan that can speed up the heating process and make complete circulation of the heat.
- D. Accurate temperature control and display: Microprocessor-controlled temperature device allows temperature accuracy to  $\pm 1^{\circ}\text{C}$ .
- E. Easy installation with magnetic doorframe.
- F. Easy for observation: Transparent window is easy for monitoring the heating process.
- G. Safe anti-leaking design: A container placed under heating chamber can prevent liquid from leaking.
- H. Smooth pipe: Provide smooth connection between input and output ports to guarantee that liquid can pass through.

#### Specifications

	<b>HPLC CH-600 Column Heater</b>
Temperature Range	Room temperature to 75°C
Max Temperature	85°C
Temperature Increment	$\pm 1^{\circ}\text{C}$
Temperature Control Accuracy	$\pm 0.3^{\circ}\text{C}$
Temperature Stability	$\pm 0.2^{\circ}\text{C}$



## E-Chrom Tech Co., Ltd.

TEL: +886-2-2511-1887

FAX: +886-2-2537-1870

EMAIL: [service@echromtech.com](mailto:service@echromtech.com)

ADD: 10F-12, NO.20, Min Chuan W. Road, Taipei  
104, Taiwan

WEB: [www.echromtech.com](http://www.echromtech.com)

Display	3-digit LED Actual Temperature Display (Red) 3-digit LED Set Temperature Display (Green)
Power Consumption	300W
External Dimensions (W × D × H)	185mm × 172mm × 530mm
Column Dimensions (W × D × H)	145mm × 110mm × 380mm



## E-Chrom Tech Co., Ltd.

TEL: +886-2-2511-1887

FAX: +886-2-2537-1870

EMAIL: service@echromtech.com

ADD: 10F-12, NO.20, Min Chuan W. Road, Taipei  
104, Taiwan

WEB: www.echromtech.com

### A05- HPLC CH-900 Column Heater



#### Features

- A. Powerful: Powerful cooling function enables temperature inside the heating chamber to lower than room temperature by 25°C.
- B. Convenient for use with temperature setting knob and LED display of actual temperature.
- C. Accurate: Experiments show temperature accuracy of  $\pm 0.3^{\circ}\text{C}$  and better.
- D. Intelligent: The temperature controlling system can automatically choose to heat or to cool based on the room and set temperature.
- E. Flexible: Easy installation of temperature control unit to be suitable for vertical or horizontal arrangement of the column heater.
- F. Unified design enables convenient matching with HPLC system.

#### Specifications

	<b>HPLC CH-900 Column Heater</b>
Temperature Range	25°C below room temperature to 75°C
Max Temperature	80°C
Temperature Increment	$\pm 1^{\circ}\text{C}$
Temperature Control Accuracy	$\pm 0.5^{\circ}\text{C}$
Temperature Stability	$\pm 0.3^{\circ}\text{C}$
Display	3-digit LED Actual Temperature Display
Power Consumption	150W
External Dimensions (W × D × H)	185mm × 108mm × 490mm
Column Dimensions (W × D × H)	45mm × 26mm × 330mm