



E-Chrom Tech Co., Ltd.

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B04- Pressure Blowing Concentrator



SC-2800D



SC-2800W

Descriptions

This equipment is designed to apply to preparative samples in chromatography, or mass spectrographic analysis. It adopts the international approval method to proceed with sample concentration by introduction of nitrogen to heat up the surface. This pressure blowing concentrator has benefits of time-saving, easy-control, and user-friendly, and it can soon achieve anticipated results. It enables rapid samples of separation and purification by applying solid phase extraction (SPE) process to replace conventional liquid extraction and chromatography procedures.

Features

- A. Gas is ducted above the solution surface in a vial through a switching valve and a needle.
- B. SC-2800W Water bath rack can be placed in the tank or out of the tank, and the rack can be fixed at any height of the crutch.
- C. SC-2800D Dry bath uses aluminum block as conducting interface for quick heating and temperature control.
- D. Heating blocks of variable holes and accompanied needles are available. Tubes are separately placed on the rack without causing cross contamination.
- E. Special design of water container to prevent the inner elements from damage of leaking liquid.
- F. Thicker aluminum heating block can provide more even and precise temperature. Actual temperature is measured by the built-in temperature sensor.
- G. Two sets of dual 4-digit display to separately show set/actual temperature and set/operating time.
- H. Automatic temperature protection alarm guarantees safe and reliable operation.



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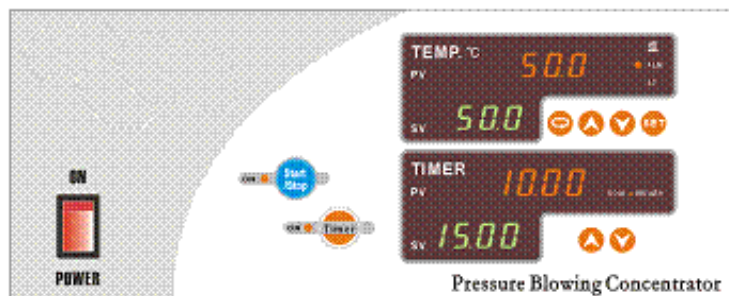
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Specifications



SC-2800D-12

Model	SC-2800W Water Bath	SC-2800D Dry Bath
Heating Samples	12, 24, 40 tubes	
Temperature Range	Room temperature + 5°C ~ 180°C	
Max Temperature Protection	185°C	
Max Temperature	Set temperature + 5 °C	
Temperature Accuracy	±0.1°C	
Time Set	10min~99hr 59min	
Power Consumption	350W	
Holes of Heating Block (SC-2800D)	Standard size 6/12/20 holes Double size 12/24/40 holes	
Dimensions of Heating Block (SC-2800D)	2 Standard size: 95mm × 70mm × 75mm (W × H × L) 1 Double size: 150mm × 70mm × 95mm (W × H × L)	
External Dimensions (W × D × H)	240mm × 130mm × 215mm (rack height is not included)	



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SC-2810D Series (Larger opening size)

Model	SC-2810D-8 (8 tubes)	SC-2810-D-12 (12 tubes)
Temperature Range	Room temperature + 5°C ~ 300°C	
Max Temperature Protection	385°C	
Max Temperature	Set temperature + 5°C	
Temperature Accuracy	±0.1°C	
Operating Temperature	5°C ~ 35°C	
Time Set	10min ~ 99hr 59min	
Power Consumption	1350W	
Holes of Heating Block	8/12 holes	
Dimensions of Heating Block	210mm × 95mm × 150mm (W × L × D)	
External Dimensions (W × D × H)	268mm × 230mm × 165mm (rack height is not included)	