



Auto EVA Mini Automated Parallel Evaporation system

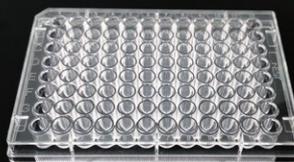
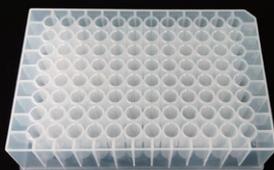
Product Overview

The Auto EVA Mini automatic parallel Evaporation system is specially designed for the concentration of small-volume solution samples. It uses stable and rapid nitrogen blowing and uniform heating to evaporate the solution. This concentrator is compatible with common microplates on the market, such as 96 shallow-well plates, 96 deep-well plates, 24 and 48-well microplates. The uniquely designed 96 nitrogen blowing needles make the flow of each nitrogen blowing needle consistent and stable. The optional nitrogen heating module can rapidly concentrate the solution in the microplate. In addition, it can also be used for rapid concentration for the 2mL injection vials in chromatographic detection, 1-2mL centrifuge tubes and 2mL purifying solution in QuEChERS.

Concentration for small volume solution samples



One instrument with multiple applications
(48-well vials chromatographic analysis , 96-well microplate)



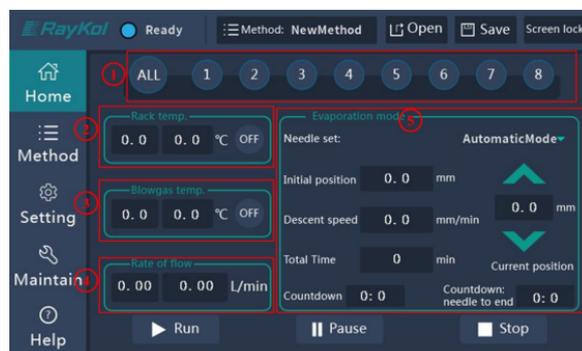
Product Features

Accurate and flexible

- The pressure adjustment proportional valve automatically adjusts the airflow rate of each aperture, which can ensure the uniform flow rate of each nitrogen blowing needle .
- The air flow can be controlled by the eight-way switch solenoid valve, which can individually control a column for nitrogen blowing, more flexible and save gas.
- The blowing needle can slowly follow the drop of the liquid level during operation it could stably accelerate the evaporation without sample solution losing . The moving height and speed can be adjusted in real time.
- The sample metal rack is a visible, and the remaining sample volume can be observed during the nitrogen blowing process.
- The heating temperature can be controlled from room temperature to 100°C to ensure that the temperature difference of each well not exceed $\pm 1^{\circ}\text{C}$

Good compatibility, diversified accessories can be customized

- The instrument can be equipped with a heating module to heat the airflow to speed up the nitrogen blowing of the PP microplate.
- The sample rack has reserved space for microplate installation. The same instrument can use 2mL chromatography vials and microplate nitrogen blowing
- It can be equipped with a microplate telescopic guide, which can move the microplate forward, which is convenient for the mechanical gripper



Easy- operating Graphical software Interface

With one touch screen, all parameters can be set up and saved. Including temperature, needle tracing speed, etc. And all the methods can be recalled and saved, process can be reproduced.

Application



Knowledge Optimized Laboratory



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