

Auto EVA series

Automated Evaporation System





RayKol' s Auto EVA series automated parallel evaporation system is a fully automated high-throughput, high-speed, low nitrogen consumption and safe evaporation system for large-volume samples in one run. Utilizing unique liquid level tracing blow technology and consistent heat and controlled gas flow, AutoEVA will automate your evaporation. The system significantly improves productivity with excellent reproducibility and recovery rates. Minimize cross contamination and sample loss by directly concentrating your samples into vials. Users can monitor the real-time concentrating process with touch-screen device, making the whole operation easy and convenient. It is a good sample concentration equipment system in the laboratory.

High-throughput & Efficient evaporation

- With multi-channel and parallel designed, large volume of samples can be evaporated at the same time.
- Gentle temperature, low pressure steam heating technology facilitates fast evaporation and precise temperature control.
- Utilizing the unique designed patented high strength, variable-diameter needles to ensure each needles with consistent flow.
- Nitrogen blowing needle can automatically trace the liquid level of the sample volume reducing.
- Effectively automate evaporation process with good reproducibility and recovery.

Full automated , Start and walk away

- Auto EVA is fully automated and easy to use, allowing you to proceed with other tasks while it gets on with the job at hand.
- Process automation ensures the highest analytical precision.

Flexible

- Flexible for large volumes of samples, the nitrogen blowing needle is easy to remove and install manually and can be flexibly adjusted according to the sample volume. And a broad selection of racks can be accommodated to workflow or throughput requirement.

Concentration process Visible

- With the front window and internal lights all the concentration process is visible can be monitored by touch-screen device.
- Concentrate to a predefined residual volume, automatic detection of the liquid endpoint.

Safe & environment- friendly

- The instrument has a built-in active exhaust system to prevent from reagent exposure and leakage.
- The nitrogen blowing module is completely isolated from the water bath heating module to protect the safety of operators.
- Low-level air pressure and water bath automatic alarm.

Wide range of applications

- The system can be used for the sample concentration and evaporation for environmental analysis, food analysis, pesticide/veterinary drug residue analysis, Biochemical analysis, pharmaceutical industry, polymer materials and other fields.

Auto EVA series



Module	Channels	Racks & Tubes
Auto EVA12	12	12* 260mL Tube (60mm*150mm)
		12* 65mL Tube (30mm*150mm)
		With 0.5mL/1.0mL endpoint constant Volume
Auto EVA 60	10	60* 15mL Tube(12mm*150mm)
		60* 50/60/80mL Tube (30mm*150mm)
Auto EVA 80	8	80* 15mL Tube (12mm*150mm)
		48* (15mL-30mL) Tube (12-23mm*150mm)
		48 * 50/60/80mL Tube (28-30mm*150mm)
Auto EVA G	N2≥ 99%, 35L/min , 70L/min	

Dedicated to be a leading supplier in smart laboratory



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