



Auto EVA series Automated Parallel Evaporation system

Product Overview



RayKol's AutoEVA series automated parallel evaporators are fully automatic High-throughput and high-speed with low nitrogen consumption and safe evaporation system for large batches of samples' preparation . Utilizing uniform heating and unique liquid level tracing technique, to ensure the parallelism and accuracy in the sample's concentration process. Users can monitor the real-time concentrating process with smart phone or PAD, making the whole operation easy and convenient. It is a good sample preparation equipment system in the laboratory.

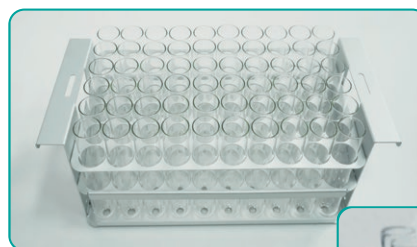
Product Features

Wide range of applications

The system can be used for the sample preparation in environmental analysis, Food analysis, pesticide/veterinary drug residue analysis, Biochemical analysis, pharmaceutical industry, polymer materials and other fields.

High-throughput & effective-performance

- Large batches of samples processing capacity: Maximum 80 samples can be evaporated at the same time.
- Nitrogen blowing needle can automatically trace with the liquid level for evaporating.



High degree of automation, no personnel on duty

The methods can be Saved in the system and can be running after start do not need personal on duty . Users can monitor the real-time concentrating process with smart phone or PAD

Flexible for use with good compatibility

- Flexible for different numbers of samples:The nitrogen blowing needle is easy to remove and install manually and can be flexibly adjusted according to the sample volume.
- The sample rack is easy to replace, and a variety of options are available to meet the concentration requirement of different sample specifications.
- Compatible with automation equipment for extraction, purification and other steps.

Full system operation protection

- The instrument has a built-in active exhaust pipe to prevent the risk of reagent exposure and leakage.
- The nitrogen blowing module is completely isolated from the water bath heating module to protect the safety of operators
- It can automatically detect insufficient air pressure, insufficient water bath, automatic alarm for dry heating, and automatic shutdown.

The AutoEVA-G series of automatic nitrogen generators can be compatible with AutoEVA Series. It is reliable and convenient in operation, and also it is safe and has little impact on the environment. It can provide stable nitrogen without interruption, allowing you to get rid of the trouble of frequent filling and handling of high-pressure gas cylinders.

Auto EVA series

Module	Channels	Sample Tube Rack
Auto EVA 20PLUS	3	20* 16mL Tube(12mm*150mm)
		18* 80mL Tube(30mm*150mm)
Auto EVA 20	5	20* 80 mL Tube(40mm*150mm)
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 Mini		24 * 1.5mL vial
		24 * 2 ml/5mL centrifuge Tube
Auto EVA G	N ₂ ≥ 99%, 35L/min , 70L/min	

Knowledge Optimized Laboratory



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