



Auto EVA 12
Automated evaporation system

Product Overview

Auto EVA 12 is a nitrogen blow-down evaporation system that provides automated evaporation of up to 12 samples in parallel with end-point detection. The system adopts the vortex airflow technology, which can rapidly and gently evaporate the samples in parallel. Equipped with end-point detection sensor, the system can automatically detect the endpoint, which can efficiently concentrate up to your predefined residual volume with either 0.5 mL or 1.0 mL end-point stems.



Rapid Evaporation
Fully Automated
Reliable and Efficient

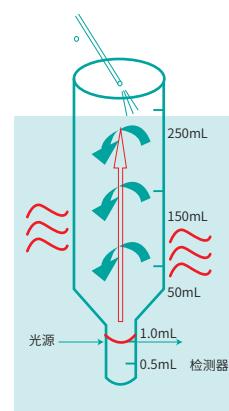
Product Features

Efficient & Reliable

Uniform gentle heating combined with vortex airflow technology, the system provides rapid and gentle evaporation for samples in parallel. Each row of nozzles can be controlled individually. Airflow is adjustable, flow rate can be set in a gradient according to the decreasing sample volume.

Automated Evaporation Completion

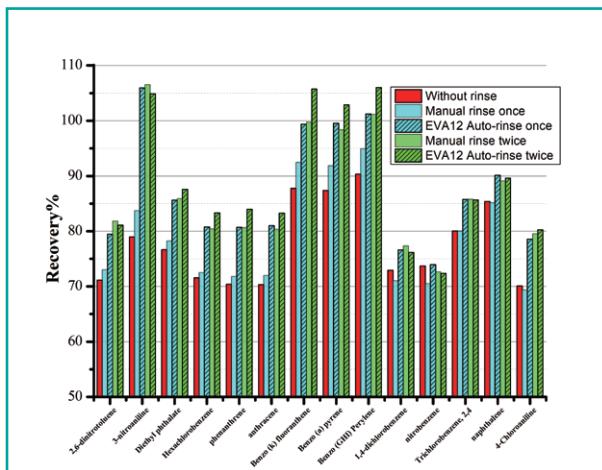
With end-point sensor technology, the system can automatically detect the endpoint, which can efficiently concentrate up to your predefined volume to 0.5 mL or 1.0 mL.



End-point Sensor

Unique automatic Rinsing Design

EVA12 equipped the unique “sprinkler” automatic rinsing function to improve the recovery. It is often necessary to rinse the sample bottle halfway or at the end point of sample concentration. EVA12 automatic rinsing mode is better than without rinsing or manual rinsing, the recovery rate can be increased by 10-15%.



Flexible

The nozzles can be adjustable for left and right angles blowing, which is compatible with a variety of sample tubes. It is commonly used for 65mL and 260mL tubes.

The system can automatically supply and drain water, quickly exchange the sample in the water bath;



65mL Tube



260mL Tube

Good visibility

Three-sided transparent glass windows with internal light greatly improves the visibility of the process of nitrogen blowing and concentration.



Easy- use software Interface

With one touch screen airflow rate and temperature operation with individual tube control.

Wide ranges of application

Liquid sample concentration fields of Food, water, Environment, Agriculture Pharmaceutical industry, Life science research, etc.



Knowledge Optimized Laboratory



RayKol Group
Add: Unit 6F, NO.176 Xinfeng Road, Huizhi Zone, Torch
High-tech Zone, Xiamen
Tel: +8605925800190
Mail: info@raykol-us.com
<http://www.raykol-us.com>