AUWII

High Throughput Vacuum Parallel Evaporator

Green | Safety | Intelligent | Efficient

Focusing on sample processing and
Laboratory environment improvement

APE series
High Throughput Vacuum Parallel Evaporator

Multi-sample synchronized concentration is the main factor in improving the efficiency of sample preperation. Equipped with a flip-type vacuum cover (patented technology), AUWII APE series high-throughput Vacuum Parallel Evaporator allows sample concentration easier without removing the lock nut.

01

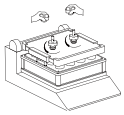
AUWII Parallel Evaporator Easily operate

① Flip cover

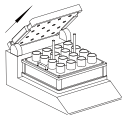
② Put in samples

③ Close the cover and lock automatically

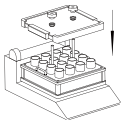
Traditional Parallel Evaporator Complicate operate



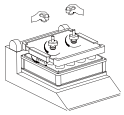
① Remove the nuts



② Put the cover into back frame



③ Install the cover



④ Manual lock

Flip vacuum cover- Easier to operate

Patented flip-type vacuum cover, avoids frequently removing lock nut and moving the vacuum cover during the process of putting in and taking out the sample bottles in the traditional parallel evaporator.

02

Hidden uniform temperature water bath- Synchronized concentration

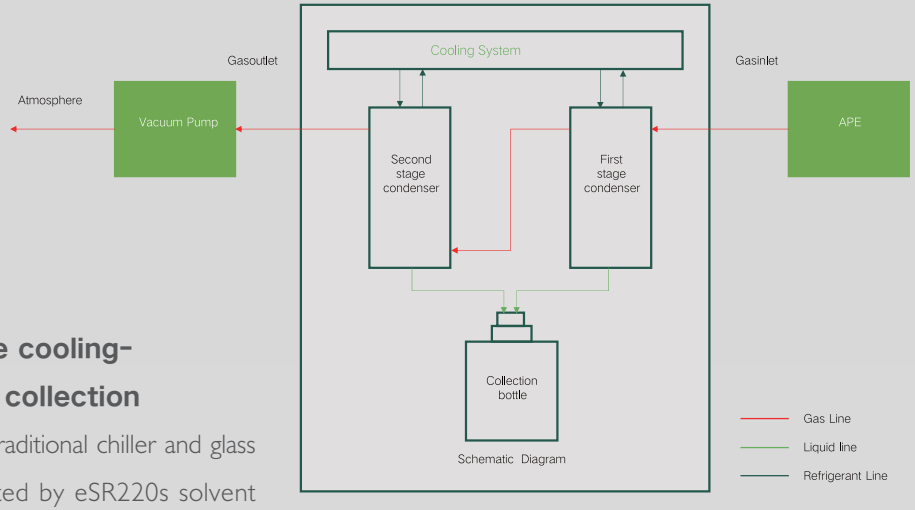
Adopts hidden uniform temperature heating technology, temperature differential between holes is less than 0.5℃ , which can ensure good synchronization of sample concentration.

03

"One-press" automatic water refilling- Easier operation

With "one-press" automatic water refilling function, can easily fill the water to bath.

04



"Dry-type" low temperature cooling- Higher efficiency for vapor collection

APE series Evaporator can cool by traditional chiller and glass condenser, or vapor can be collected by eSR220s solvent collector. The eSR220S solvent collector adopts "dry-type" low-temperature condensation technology. Without cooling circulating liquid, vapors directly condensed at -20 ℃ low temperature, especially providing the low boiling point solvents a high efficiency collection.

Vacuum Parallel Evaporator with solvent Collector

05

Modular design-compatible with multiple bottles

The APE Parallel Evaporator adopts a modular design and optional 850ml, 450ml, 250ml, 60ml sample bottle adapters to meet the needs of different volume samples.

06

Network software-Intelligent and versatile

APE Evaporator equips a color touch screen, can easily set water bath temperature, heating temperature of the vacuum cover, oscillation rate, vacuum degree, and working time. Optional wifi data interaction function to realize the docking with the laboratory management system.

Models	APE4	APE9	APE16	APE36
Number of samples	4	9	16	36
Sample bottle volume	850ml	450ml	250ml	60ml
Recommend sample volume	≤400ml	≤200ml	≤100ml	≤30ml
Oscillation type	Circular oscillations	Circular oscillations	Circular oscillations	Circular oscillations
Temperature range	Room temperature +5℃~85℃	Room temperature +5℃~85℃	Room temperature +5℃~85℃	Room temperature +5℃~85℃
Temperature stability	±1℃	±1℃	±1℃	±1℃
'one-press' automatic water refilling	Support	Support	Support	Support
Vacuum cover type	Flip type	Flip type	Flip type	Flip type
Vacuum cover locking mode	Auto lock	Auto lock	Auto lock	Auto lock
Vacuum cover temperature setting range	Room temperature +5℃~70℃	Room temperature +5℃~70℃	Room temperature +5℃~70℃	Room temperature +5℃~70℃
Vacuum controller	Built-in	Built-in	Built-in	Built-in
Vacuum degree setting stability	1mbar	1mbar	1mbar	1mbar
Vacuum gradien control	Support	Support	Support	Support
Vacuum fast lock	Support	Support	Support	Support
Overall dimensions WxLxH(mm)	420X530X360	420X530X360	420X530X360	420X530X360