



### Automatic Quantitative Concentrator-VortexVap A12

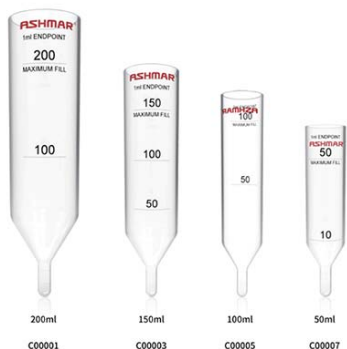
VortexVap A12 automatic quantitative concentrator adopts the mode of oblique nitrogen blowing and the principle of vortex airflow, so that liquid samples can be concentrated quickly under the heating of a water bath. It can concentrate 12 samples at the same time, and each sample tube is equipped with an optical sensor, which can accurately quantify the liquid in the sample tail tube. The instrument is controlled in real time through the color control screen that comes with the instrument, and one-button operation makes concentration easier. VortexVap A12 has the characteristics of fast concentration, good repeatability, high degree of automation, environmental protection, safety, etc. It is an indispensable organic sample pretreatment equipment in the laboratory.

### User-Oriented Design Features

Simultaneously concentrate single or multiple samples without manual supervision  
Accelerate solvent evaporation and concentration, prevent solvent splash loss  
Environmental protection, safety, etc.

### Flexible configuration

Fast concentration, good repeatability, high degree of automation  
The instrument comes with an automatic pressure regulating device, the airflow pressure can be automatically controlled and kept constant, not affected by the sudden opening, closing or quantity of the working channel (sample)



C00001	200ml Tube (1ml Tailpipe)
C00002	200ml Tube (0.5ml Tailpipe)
C00003	150ml Tube (1ml Tailpipe)
C00004	150ml Tube (0.5ml Tailpipe)
C00005	100ml Tube (1ml Tailpipe)
C00006	100ml Tube (0.5ml Tailpipe)
C00007	50ml Tube (1ml Tailpipe)
C00008	50ml Tube (0.5ml Tailpipe)

## Specification

Gas source	Inert gas such as nitrogen is recommended
Number of Sample	12
Sample Volume	50 - 100ml
Required pressure at full load	0.6 MPa (87 PSI)
Maximum allowable intake pressure	0.9 MPa (130 PSI)
Water bath temperature range	Room temperature to 90°C, ±1°C
Heating time	< 40min (from 20°C to 55°C )
Pressure automatic control adjustment time	1S (this function is optional)
Touch screen	7 inch color touch screen
Assisting equipment	0.5ml / 1.0ml endpoint detection interface
Exhaust	Built-in exhaust fan and exhaust port, with 3m long exhaust pipe
Operating temperature	18°C ~ 32°C
Storage temperature	0 ~ 60°C
Humidity	20% ~ 90%RH (non-condensing)
Maximum power consumption	1000 VA
Weight	27 kg
Dimensions (W x D x H) mm	430 x 440 x 300 mm (the height with the lid open is 550mm)
Maximum noise	75 dB
Certified	CE mark

## Ordering Information

Part No.	Descriptions	
120102	VortexVap A12 include	1pcs
	A00167 Internal Tube Rack, 200ml, 12 position	1pcs
	A00168 External Tube Rack, 200ml, 12 position	1pcs
	A00028 Endpoint Module (include 12 Endpoint Sensor)	1pcs
	C00001 200ml Tube (1ml Tailpipe)	12pcs

## Optional

Part No.	Descriptions	
A00167	Internal Tube Rack, 200ml, 12 position	1pcs
A00168	External Tube Rack, 200ml, 12 position	1pcs
A00232	Internal Tube Rack, 150ml, 12 position	1pcs
A00233	External Tube Rack, 150ml, 12 position	1pcs
A00005	Internal Tube Rack, 100ml, 12 position	1pcs
A00006	External Tube Rack, 100ml, 12 position	1pcs
A00007	Internal Tube Rack, 50ml, 12 position	1pcs
A00008	External Tube Rack, 50ml, 12 position	1pcs
A00028	Endpoint Module (include 12 Endpoint Sensor)	1pcs
A00029	Endpoint Sensor	1pcs
C00001	200ml Tube (1ml Tailpipe)	1pcs
C00002	200ml Tube (0.5ml Tailpipe)	1pcs
C00003	150ml Tube (1ml Tailpipe)	1pcs
C00004	150ml Tube (0.5ml Tailpipe)	1pcs
C00005	100ml Tube (1ml Tailpipe)	1pcs
C00006	100ml Tube (0.5ml Tailpipe)	1pcs
C00007	50ml Tube (1ml Tailpipe)	1pcs
C00008	50ml Tube (0.5ml Tailpipe)	1pcs