

## Sample Concentration - N900 Series

#Cat: NB-12-0027	Size: 1pcs
#Cat: NB-12-0027-01	Size: 1pcs
#Cat: NB-12-0027-02	Size: 1pcs
#Cat: NB-12-0027-03	Size: 1pcs
#Cat: NB-12-0027-04	Size: 1pcs
#Cat: NB-12-0027-05	Size: 1pcs
#Cat: NB-12-0027-06	Size: 1pcs
#Cat: NB-12-0027-07	Size: 1pcs

N900 sample concentration is mainly used for the concentration and preparation of large-scale samples, such as sample preparation in drug screening, hormone analysis, liquid phase, gas phase and mass spectrometry analysis. Working principle: By blowing nitrogen gas into the surface of the heated sample, the solvent in the sample is quickly evaporated and separated, so as to achieve the purpose of anaerobic concentration of the sample and keep the sample more pure. Using a sample concentration instead of a common rotary evaporator for concentration can condense dozens of samples at the same time, greatly shortening the sample preparation time, and has the characteristics of time saving, easy operation and speed.

### Features:

- Professionally-designed block, tester can be observed at the surface location of concentrated samples
- Depending on the test-tube size and solvent volume they can be individually raised or lowered to the height
- Easy operation; safe and reliable to use
- The heater enables the sample to be quickly and efficiently heated to the evaporation temperature, and at the same time the gas is blown from the gas chamber to the surface of the solution through the gas needle, which promotes rapid evaporation of the solution and concentration of the sample
- Each purging needle can be independently controlled, can be purged separately, and can be adjusted independently, without wasting gas
- The position of the gas needle in the gas chamber can be changed to make it suitable for different test tubes. The standard gas needle length is 150 mm
- The height of the air cavity can be adjusted, this product has a unique feature: the liquid level position of the concentrated sample can be observed at any time when the sample is concentrated
- When concentrating toxic solvents, the entire system can be placed in a fume hood
- Automatic fault detection and alarm function
- Standard with air chamber and special adjustable stand
- Built-in over temperature protection device
- Real time temperature display, time decrement display



## Specification:

Model	N900
Cat#	NB-12-0027
Temperature range	RT.+5~150°C
Timer	1min~99h59min
Capacity	12 pcs
Temp. control Accuracy at 5~100°C	± 1°C
Temp. control Accuracy at 100~150°C	± 1.5°C
Maximum input power	400W
Needle length	150 mm
Dimension (mm)	280x240x500

## Accessories:

Cat#	Description
NB-12-0026-01	150 mm Needles for N800 and N900 series

## Blocks:

Cat#	Diameter	Capacity	Dimension (mm)
NB-12-0027-01	10 mm	12	192x96x49
NB-12-0027-02	12 mm	12	192x96x49
NB-12-0027-03	13 mm	12	192x96x49
NB-12-0027-04	15 mm	12	192x96x49
NB-12-0027-05	16 mm	12	192x96x49
NB-12-0027-06	19 mm	12	192x96x49
NB-12-0027-07	20 mm	12	192x96x49