

## Sample Concentrator

### ND100-1



#### Description:

ND100-1 sample concentrator is with microprocessor controlled and PID fuzzy controlled technique. Instead of traditional water bath device, the heat-conducting medium is high purity aluminum. The test tubes are held in a block, and blowing a large number of samples at one time. It can be used in residue analysis, commodity inspection, food, environment, pharmacy and biological product and other industries.

#### Features:

- ▶ High precision and wide range of temp control.
- ▶ Blowing a large number of samples at a time.
- ▶ Blowing each sample independently.
- ▶ Amount of airflow can be adjusted.
- ▶ Easy operation; safe and reliable to use.

#### Applications:

- ▶ Analysis of pesticide residues: vegetables, fruits, cereals, plant tissue.
- ▶ Environmental analysis: such as drinking water, groundwater and polluted water samples.
- ▶ Biological analysis: such as hormone analysis, sample preparation of liquid phase and gas phase and mass spectrometry.
- ▶ Food and beverage: such as milk, wine, beer, etc.
- ▶ Pharmaceutical drug testing: such as traditional Chinese medicine pharmaceutical, drug screening.



## Technical Specifications:

Model	ND100-1
Temp range	RT.+5°C -160°C
Temp accuracy	±0.5°C(@40°C)
Temp accuracy	±1°C(@120°C)
Temp uniformity	±0.5°C
Display accuracy	0.1°C
Timing range	1min-99h59min/∞
Heating time	≤15min(from 25°C to 160°C)
Needle length	150mm
Nitrogen flow rate	15L/min
Nitrogen pressure	0.02Mpa(Gas needles≤16pcs) 0.05Mpa(Gas needle>16pcs)
Block quantity	1
Power	300W
Voltage	AC220V or AC110V, 50/60Hz
Dimension(mm)	260x20x50
Weight(kg)	7.0kg

## Optional blocks:

Type	Description	Type	Description
MD03	24x10mm	MD09	12x20mm
MD04	24x12mm	MD10	8x26mm
MD05	24x13mm	MD11	4x28mm
MD06	16x15mm	MD12	3x40mm
MD07	16x16mm	MD15	24x1.5ml(centrifuge tube)
MD08	12x19mm	MD16	24x2.0ml(centrifuge tube)

