

NDK200-1N/2N Sample Concentrator

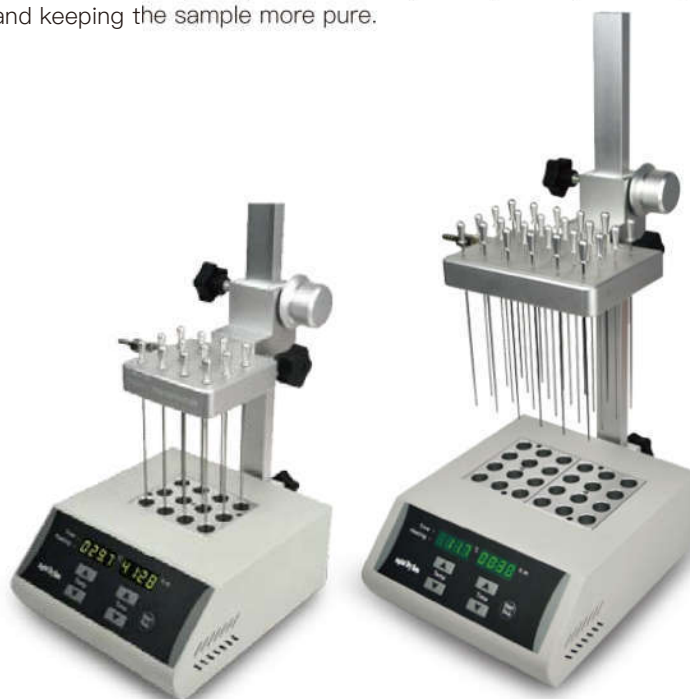
Concentrator Series

Introduction

The sample concentrator is mainly used for the concentration or preparation of bulk samples (such as drug screening, hormone analysis, liquid phase, and sample preparation in mass spectrometry). Working principle: By blowing nitrogen into the surface of the heated sample, the solvent in the sample is quickly evaporated and separated, thereby achieving the purpose of anaerobic concentration of the sample and keeping the sample more pure.

Feature

1. The height of the air chamber plate can be adjusted. The length of a standard gas needle is 150mm.
2. LED displays immediate temperature and diminishing time. Operation is simple and convenient.
3. Built in overheat protection, automatic fault detection and fault beep alarm devices.
4. The entire equipment can be put into ventilation cabinet when the concentration sample is in toxic solvents.
5. Synchronously working with heating by dry bath in the bottom and nitrogen blowing on the surface accelerates liquid evaporation and sample concentration.
6. Unique patented design for air channel control system, enhances air tightness and reduces potential leakage; easy to operate, lift/press air needle to realize channel switch; the switching status of each channel is clear at a glance.
7. Standard configured air cavity and adjustable bracket.



NDK200-1N

NDK200-2N

Parameter

Model	NDK200-1N	NDK200-2N
Temp. Control Range	R.T.+5°C ~150°C	R.T.+5°C~150°C
Temp. Setting Range	5°C ~150°C	5°C~150°C
Temp. Stability@40~100°C	±0.5°C	±0.5°C
Temp. Stability@100~150°C	±1°C	±1°C
Block Temp. Uniformity@100°C	±0.5°C	±0.5°C
Block Temp. Uniformity@150°C	±1 °C	±1 °C
Temp. Display Accuracy	0.1°C	0.1°C
Heating Speed	≤30min (40°C to 150°C)	≤30min (40°C to 150°C)
Time Range	1min ~99h59min	1min~99h59min
Needle Plate Max. Lift Stroke	285mm	285mm
Gas-in Joint Outer Diameter	Φ7mm	Φ7mm
Nitrogen Pressure	≤0.1MPa	≤0.1MPa
Nitrogen Flow Rate	0~10L/min	0 ~10L/min
Needle Length	150mm	150mm
Sample Capacity	1 standard block	2 standard block
Voltage	AC 220V / AC 110V, 50/60Hz	AC 220V / AC 110V, 50/60Hz
Power	200W	400W
Fuse	250V, 2A/3A, Φ5×20	250V, 3A/6A, Φ5×20
Dimension	W.200 x D.230 x H.525mm	W.200 x D.260 x H.525mm
Net Weight	5.1kgs	6.1kgs

Accessories



DT01A



DT02A



DT03A



DT04A



DT05A



DT06



DT07



DT08



DT09



DT10



DT11



DT12



DT13A



DT14A



DT15A



DT16A



NDK-GV
Gas Control Valve

Notice

Flow control valve is optional.

While choose blocks for NDK200-2N, choose two blocks with the same hole quantity.

DT01A, DT02A, DT16A needs to be customized in advance.

Accessories Parameter

Cat#	Spec	Dia. of hole	Hole bottom shape	Block dimension
DT01A	6 mm x 12	6.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT02A	7 mm x 12	7.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT03A	10 mm x 12	10.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT04A	12 mm x 12	12.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT05A	13 mm x 12	13.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT06	15 mm x 12(7ml tube)	15.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT07	16 mm x 12(10ml/15ml tube)	16.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT08	19 mm x 12	19.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT09	20 mm x 6	20.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT10	26 mm x 6	26.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT11	28 mm x 4(50ml tube)	28.5 mm	Flat bottom	95.5 x 76.5 x 50 mm
DT12	40 mm x 2	40.5 mm	Round bottom	95.5 x 76.5 x 50 mm
DT13A	0.5 ml x 12	8 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT14A	1.5 ml x 12	10.8 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT15A	2.0 ml x 12	10.8 mm	Round bottom	95.5 x 76.5 x 50 mm
DT16A	0.2 ml x 12	6.1 mm	Cone bottom	95.5 x 76.5 x 50 mm
DT19	Customized	Customized	Customized	Customized