

Nitrogen Sample Concentrator

The Nitrogen Sample Concentrator is used for concentrating or preparing samples in batches. It is used in processes such as drug screening, hormone analysis, liquid phase and mass spectrometry in the analysis of sample preparation. It works by blowing nitrogen in the surface of the sample which is being heated to accelerate evaporating and separating the solvent in the samples without oxygen. Instead of the rotary evaporation instrument, the nitrogen sample concentrator can efficiently concentrate dozens of samples simultaneously.

Specification:



Parameter	NDK200-1	NDK200-2
Voltage	AC220V±10% 50/60Hz	AC220V±10% 50/60Hz
Temp. Range	RT+5-150℃	RT+5-150℃
Heating speed	≤30min(40℃-150℃)	≤30min(40℃-150℃)
Temp. Accuracy (40-100℃)	±0.5℃	±0.5℃
Temp. Accuracy (100-150℃)	±1℃	±1℃
Temp. Fluctuation(100℃)	±0.5℃	±0.5℃
Block temp uniformity(100℃)	≤±0.5℃	≤±0.5℃
Block temp uniformity(150℃)	≤±1℃	≤±1℃
Temp display accuracy	0.1℃	0.1℃
Needle length	150mm	150mm
Blocks Quantity	1Piece	2Pieces
Time Range	9999min	9999min
Nitrogen Flow Rate	0-15L/min	0-15L/min
Nitrogen Pressure	Air Needle≤16, 0.04MPa	Air Needle>16, 0.12MPa
Voltage	AC110V/220V±10% 50/60Hz	AC110V/220V±10% 50/60Hz
Heating Power	200W	400W



Block number	Tube diameter × deepness (mm)	Number of test tubes	Block size(L*W*H)(mm)	Block image
DT01A	6×46	12	95.5*76.5*50	
DT02A	7×46	12	95.5*76.5*50	
DT03A	10×46	12	95.5*76.5*50	
DT04A	12×47	12	95.5*76.5*50	
DT05A	13×47	12	95.5*76.5*50	
DT06	15×47	12	95.5*76.5*50	
DT07	16×47	12	95.5*76.5*50	
DT08	19×47	12	95.5*76.5*50	
DT09	20×47	6	95.5*76.5*50	
DT10	26×47	6	95.5*76.5*50	
DT11	28×47	4	95.5*76.5*50	
DT12	40×47	2	95.5*76.5*50	
DT13A	0.5ml Centrifuge tube×25/8.0*32	12	95.5*76.5*50	
DT14A	1.5ml Centrifuge tube×30/10.8*30	12	95.5*76.5*50	
DT15A	2.0ml Centrifuge tube×32/10.8*32	12	95.5*76.5*50	
DT16A	0.2ml×18/6.6*18	12	95.5*76.5*50	