Sample Concentrator

ND300-1

Description:
Sample concentrator is a high precision temperature control instrument with microprocessor controlled and PID fuzzy controlled technique. It works by blowing nitrogen in the surface of sample which is being heated to accelerate evaporating and separating the solvent in the samples without oxygen. Instead of rotary evaporation instrument, nitrogen sample concentrator can efficiently concentrate a large of samples simultaneously.

Features:
▸ High precision and wide range of temp control.
▸ Blowing a large number of samples at one time.
▸ Blowing each sample independently.
▸ 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 analysis.
▸ Food and beverage: such as milk, wine, beer, etc.
▸ Pharmaceutical drug testing: such as traditional Chinese medicine pharmaceutical, drug screening.

Technical Specifications:

Model	ND200-2
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)
Max vertical travel	150mm
Max gas usage	15L/min
Max gas pressure	0.05Mpa
Block quantity	1
Max power	500W
Voltage	220V or 110V 50/60Hz
Dimension(mm)	220x310x385
Weight(kg)	7.5

Optional Blocks

Type	Test tube diameter	Capacity	Dimension(mm)
MD17	0.2ml PCR plate	96	153X95.5X60
MD18	Elisa plate	96	153X95.5X60