

Sample Concentrator

ND300-1



Description:

- ◆ ND300-1 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.

Parameters:

Project	Parameters
Temp. control range	RT.+5°C-160°C
Temp. uniformity	±0.5°C
Display accuracy	0.1°C
Heating time	≤15min(from 25°C to 160°C)
Max gas usage	15L/min
Max gas pressure	0.05Mpa
Max power	500W
Dimension(mm)	220x310x385

Project	Parameters
Temp. accuracy	±0.5°C(@40°C)
Temp. accuracy	±1°C(@120°C)
Timing range	1min-99h59min/∞
Max vertical travel	150mm
Block quantity	1
Voltage	AC220V or AC110V, 50/60Hz
Weight(kg)	7.5
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Optional Blocks:

Type	Test tube diameter	Capacity
MD17	0.2ml PCR plate	96

Type	Test tube diameter	Capacity
MD18	Elisa plate	96