

Sample Concentrator

ND200-1&ND200-2



Description:

- ◆ ND200-1/ND200-2 Sample Concentrator is 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. It can used in residue analysis, commodity inspection, food, environment, pharmacy and biological product and other industries.

Features:

- ◆ Easy operation; safe and reliable to use.
- ◆ High precision and wide range of temperature control.
- ◆ Blowing a large number of samples at one time.
- ◆ Blowing each sample independently.
- ◆ Amount of airflow can be adjusted.
- ◆ Automatic fault detection and alarm function.
- ◆ Built-in over-temperature protection device.
- ◆ Temperature deviation calibration function.

Parameters:

Project	Parameters	
Product model	ND200-1	ND200-2
Temp. setting range	0°C ~ 160°C	0°C ~ 160°C
Temp. control range	RT.+5°C ~ 160°C	RT.+5°C ~ 160°C
Timing range	1min ~ 99min59sec/∞	1min ~ 99min59sec/∞
Temp. accuracy	≤±0.5°C(@40°C)	≤±0.5°C(@40°C)
Temp. accuracy	≤±1°C(@120°C)	≤±1°C(@120°C)
Temp. uniformity	≤±0.5°C	≤±0.5°C
Display accuracy	0.1°C	0.1°C
Heating time	≤15min(from 25°C to 160°C)	≤15min(from 25°C to 160°C)
Max vertical travel	200mm	200mm
Nitrogen flow rate	15L/min	15L/min
Nitrogen pressure	0.1Mpa	0.1Mpa
Block quantity	1	2
Voltage	AC220V or AC110V, 50/60Hz	AC220V or AC110V, 50/60Hz
Power	300W	500W
Dimensions(W×D×H)	260×220×475	260×220×475
Weight(kg)	6.0	7.5

Optional Blocks:

Type	Test tube diameter	Capacity
MD50	10mm	12
MD51	12mm	12
MD52	13mm	12
MD53	15mm	12

Type	Test tube diameter	Capacity
MD54	16mm	12
MD55	19mm	12
MD56	20mm	12
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