

Sample Concentrator

ND100-1&ND100-2

Description:

- ◆ ND100-1/ND100-2 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 be 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.
- ◆ Automatic fault detection and alarm function.
- ◆ Built-in over-temperature protection device.
- ◆ Temperature deviation calibration function.



Parameters:

Project	Parameters	
Product model	ND100-1	ND100-2
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	0.02Mpa(Gas needles≤16pcs) 0.05Mpa(Gas needle>16pcs)	0.02Mpa(Gas needles≤16pcs) 0.05Mpa(Gas needle>16pcs)
Block quantity	1	2
Voltage	AC220V or AC110V, 50/60Hz	AC220V or AC110V, 50/60Hz
Power	300W	500W
Dimensions(W×D×H)	260×220×450	260×220×450
Weight(kg)	7.0	7.5

Optional Blocks:

Type	Test tube diameter	Capacity
MD03	10mm	24
MD04	12mm	24
MD05	13mm	16
MD06	15mm	16
MD07	16mm	16
MD08	19mm	12

Type	Test tube diameter	Capacity
MD09	20mm	12
MD10	26mm	8
MD11	28mm	4
MD12	40mm	3
MD15	1.5ml(centrifuge tube)	24
MD16	2.0ml(centrifuge tube)	24



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