

Sample Concentrator (Visible) ND400



Description:

Sample Concentrator (visible) is a high precision temperature control instrument with microprocessor controlled and PID fuzzy controlled technique, its working principle is to blow nitrogen rapid, continuous on the heating surface of the sample. Instead of traditional water bath device, this adopts heat-conducting medium, which is high purity aluminum with good heat transfer. The Test tubes are held in a block, and blowing a large number of samples at one time.

Features:

- ▶ High precision and wide range of temp control.
- ▶ Blowing a large number of samples at one time.
- ▶ Blowing each sample independently.
- ▶ Amount of airflow can be adjusted.
- ▶ With special slotting-design block, surface location of concentrated samples can be observed.
- ▶ Easy operation; safe and reliable to use.

Applications Fields:

- ▶ 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.



Parameters:

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 gas usage	15L/min
Max gas pressure	0.05Mpa
Block quantity	1
Max power	500W
Voltage	220V or 110V 50/60Hz
Dimension(mm)	260x220x475
Weight(kg)	7.5

Optional Blocks

Type	Diameter	Depth	Capacity
RC02 027 001	10.5mm	50mm	12
RC02 027 002	12.5mm	50mm	12
RC02 027 003	13.5mm	50mm	12
RC02 027 004	15.5mm	50mm	12
RC02 027 005	16.5mm	50mm	12
RC02 027 006	19.5mm	50mm	12
RC02 027 007	20.5mm	50mm	12

