



Model	Tube Diameter	Number of Holes
DT03	10mm	20
DT04	12mm	20
DT05	15mm	12
DT07	20mm	12
DT16	13mm	12
DT17	16mm	12

* Customization of modules and other specifications is available.



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Product Introduction

Nitrogen evaporator / Dry Nitrogen Blower

nitrogen evaporator, also known as a nitrogen concentrator or nitrogen blow-down system, is primarily used for the concentration or preparation of bulk samples under anaerobic conditions. It finds wide application in industries such as pesticide residue analysis, customs inspection, food, environment, pharmaceuticals, and bioproducts. The nitrogen evaporator employs microcomputer control technology and utilizes high-purity aluminum material as the heating medium. This results in fast heating, precise temperature control, and a wide temperature range. The DHN200 model can simultaneously process 12/24 samples, and various other models of nitrogen evaporators are available, including water bath nitrogen evaporators, circular nitrogen evaporators, and visual nitrogen evaporators, giving customers the flexibility to choose according to their needs.

- ◆ Each blowing needle can be independently controlled to avoid cross-contamination.
- ◆ The instrument's chamber height is adjustable, equipped with a standard needle length of 15 centimeters.
- ◆ 12/24 gas channel control switches, saving gas and accommodating different sample containers and positions.
- ◆ When concentrating toxic solvents, the entire system can be placed in a fume hood to reduce hazards.
- ◆ Built-in over-temperature protection device, automatic fault detection, and alarm function for practical convenience.
- ◆ LCD display screen with synchronous temperature display and countdown timer, allowing real-time temperature observation.
- ◆ The dry nitrogen evaporator offers uniform overall temperature and rapid heating.
- ◆ This product can also be used as a regular dry constant temperature device.

Technical Parameters		DHN200-1(12 needles)	DHN200-2(24 needles)	DHN200-2B (Visual)
Model				
Temperature Control Range		Room temperature +5°C to 150°C		
Ramp-up Time		(20°C to 100°C) ≤ 30 minutes		
Temperature Stability		(@40°C) ≤ ±0.5°C; (@120°C) ≤ ±1°C		
Maximum Module Temperature Fluctuation		@40°C ±0.3°C		
Module Temperature Uniformity		≤ ±0.5°C		
Temperature Display Accuracy		0.1°C		
Timing Range		0 to 99 hours 59 minutes		
Lifting Stroke		200mm		
Gas Flow/Pressure		15L/min; 0.1Mpa		
Standard Modules		1 (with 12 blowing needles)	2 (with 24 blowing needles)	1 (with 12 blowing needles)
Power Rating		250W	400W	400W
Product Weight		4.5kg	5.5kg	5.2kg
Dimensions		260*200*540mm	290*220*540mm	290*220*540mm
Programming Function		5 groups		/