

96 Needles Nitrogen Sample Concentrator

DRYING OVEN

LABORATORY INCUBATOR

MUFFLE FURNACE

WATER DISTILLER

WATER BATH & OIL BATH

HEATING MANTLE

STIRRER

MIXER & SHAKER

HEATING PLATE & SAND BATH

DIGESTION APPARATUS & METAL BATH

NITROGN SAMPLE CONCENTRATOR

CLEAN BENCH

STERILIZER

VACUUM PUMP

FILTRATION

GRINDER

COLONY COUNTER

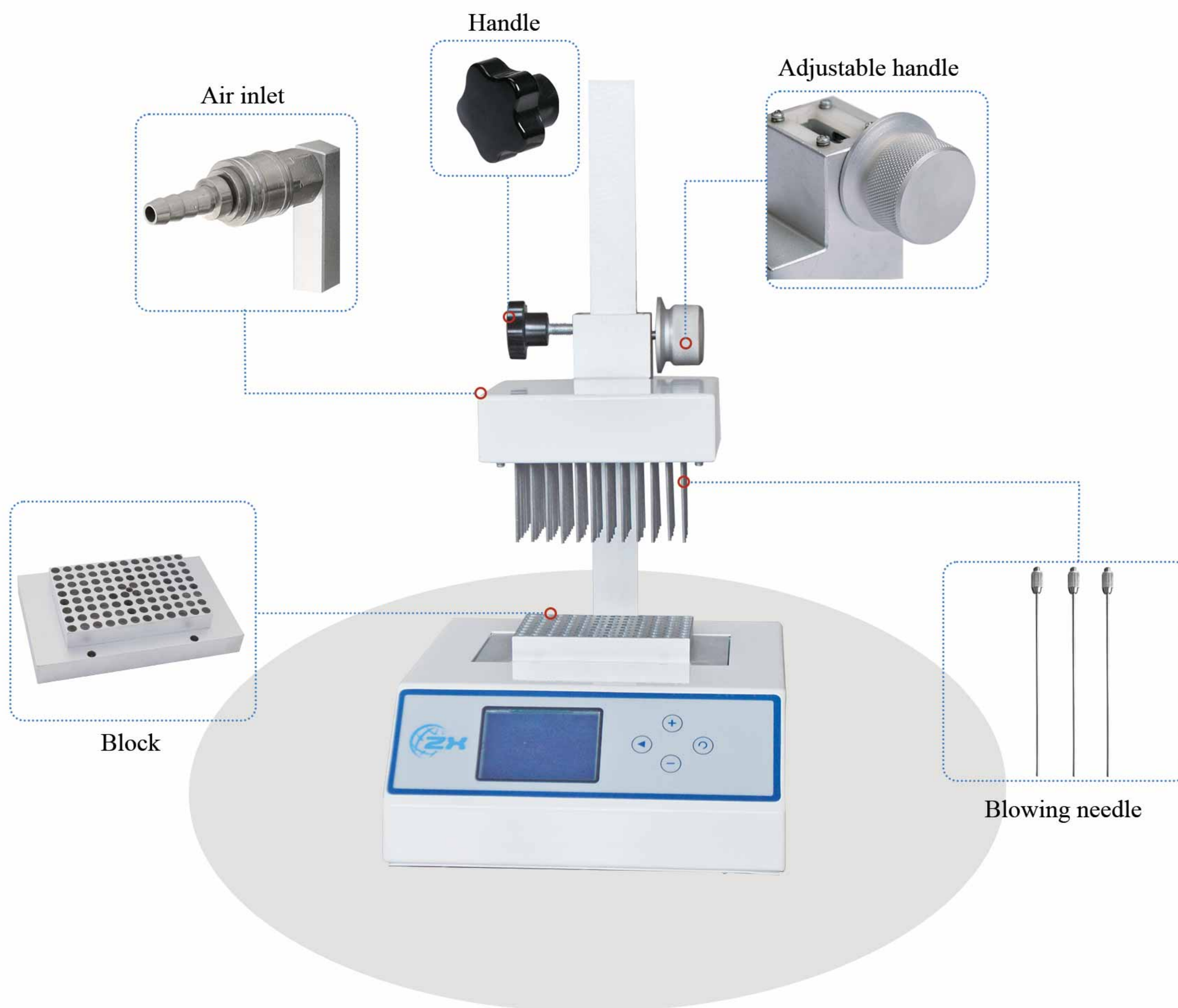
DRYER

CENTRIFUGE

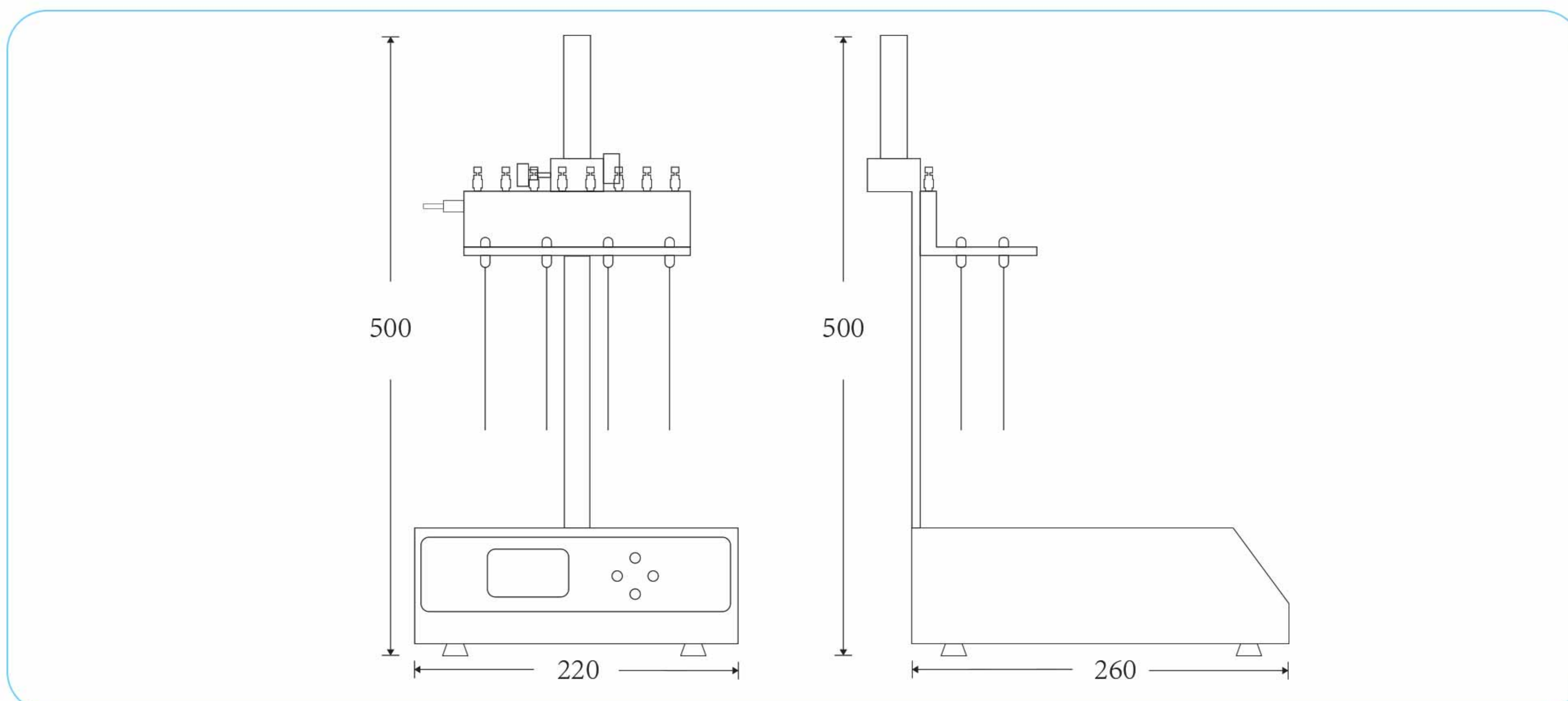
ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE



Dimension(mm)



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The 96 Needles Nitrogen Sample Concentrator is used for concentrating or preparing samples in batches. It is used in processes such as drug screening, hormone analysis, liquid phase and mass spectrometry in the analysis of sample preparation. It works by blowing nitrogen in the surface of the sample which is being heated to accelerate evaporating and separating the solvent in the samples without oxygen. Instead of the rotary evaporation instrument, the nitrogen sample concentrator can efficiently concentrate dozens of samples simultaneously.

Scientific Research



Laboratory Study



College Experiment



Industrial Research

Characteristics:

- Adjustable position of gas needle in air chamber plate for different types of tubes
- Adjustable height of air chamber plate. The length of a standard gas needle is 150mm
- Patented individually controlled gas needles for enhanced control. Gas pressure is uniform from all needles. Simply close and open by moving needle up or down.
- The instrument can be put into a ventilation cabinet when the concentration sample is toxic solvents
- Built-in overheating protection, automatic fault detection and fault alarm features
- LCD displays temperature and time. Operation is simple and convenient. Can be set for continuous operation.
- Works by heating with dry bath in the bottom and nitrogen blowing on the surface which accelerates liquid evaporation and sample concentration
- Standard configured air cavity and adjustable bracket.

Major Technical Parameters:

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LABORATORY CONSUMABLE

Model	NDK200-1A
Temp. Range	RT+5-150°C
Heating speed	≤30min(40°C-150°C)
Temp. Accuracy (40-100°C)	±0.5°C
Temp. Accuracy (100-150°C)	±1°C
Temp. Fluctuation(100°C)	±0.5°C
Block temp uniformity(100°C)	≤±0.5 °C
Block temp uniformity(150°C)	≤±1 °C
Temp display accuracy	0.1°C
Needle length	150mm
Blocks Quantity	1Piece
Controller Type	LCD
Time Range	9999min
Nitrogen Flow Rate	0-15L/min
Nitrogen Pressure	0.12MPa
Voltage	110V/220V
Heating Power	400W
Size of Exterior (W*D*H)(mm)	220*260*500

List of Blocks:

Block No.	Diameter of tube	Quantity of tube	Size of block	Picture of block
DT17	0.2ml Centrifuge tube	96	95.5*153.5*33.5	
DT18	Flat plate	96-well elisa	95.5*135*22.5	
DT19	Customization	Customization	Customization	