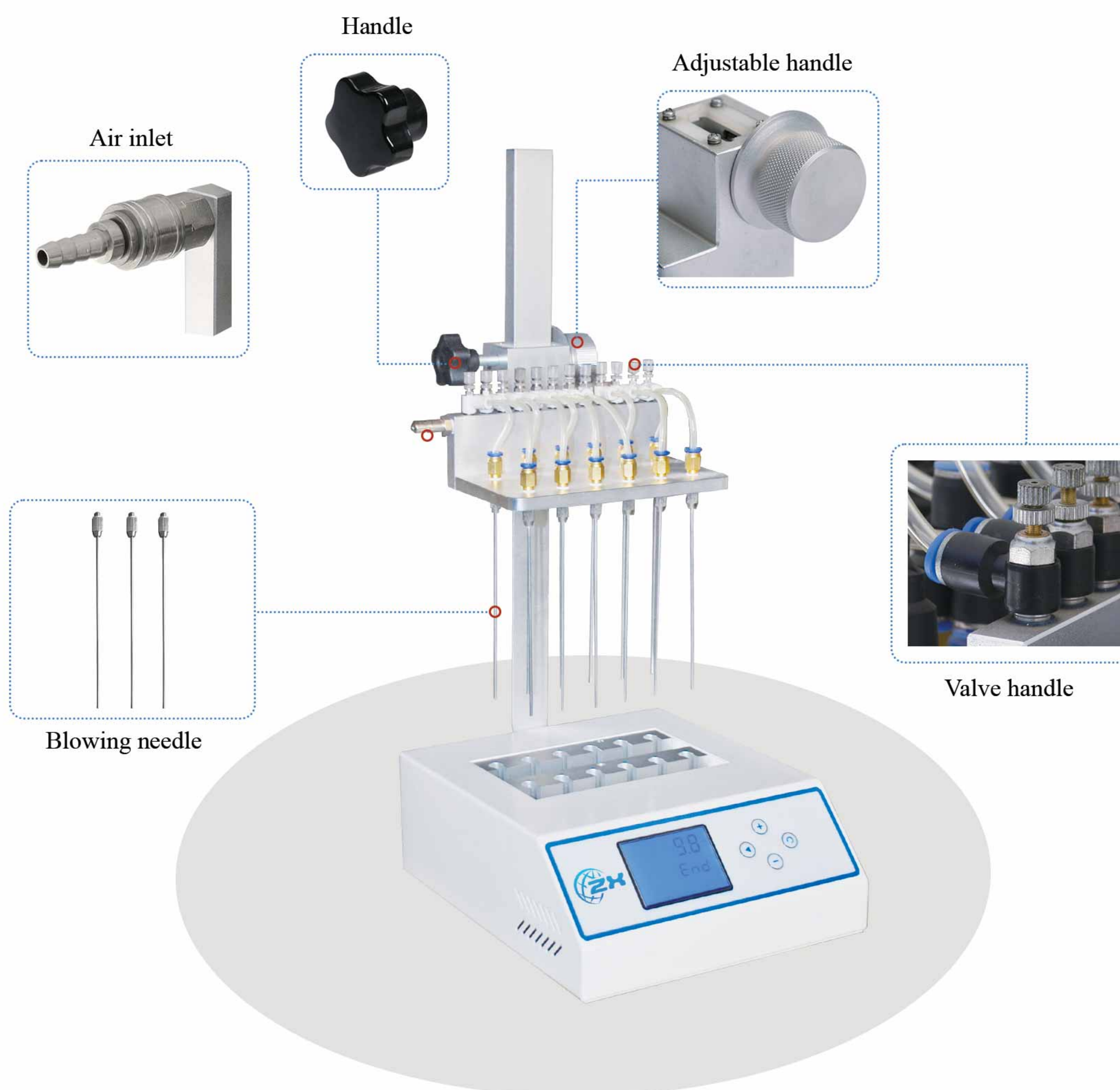
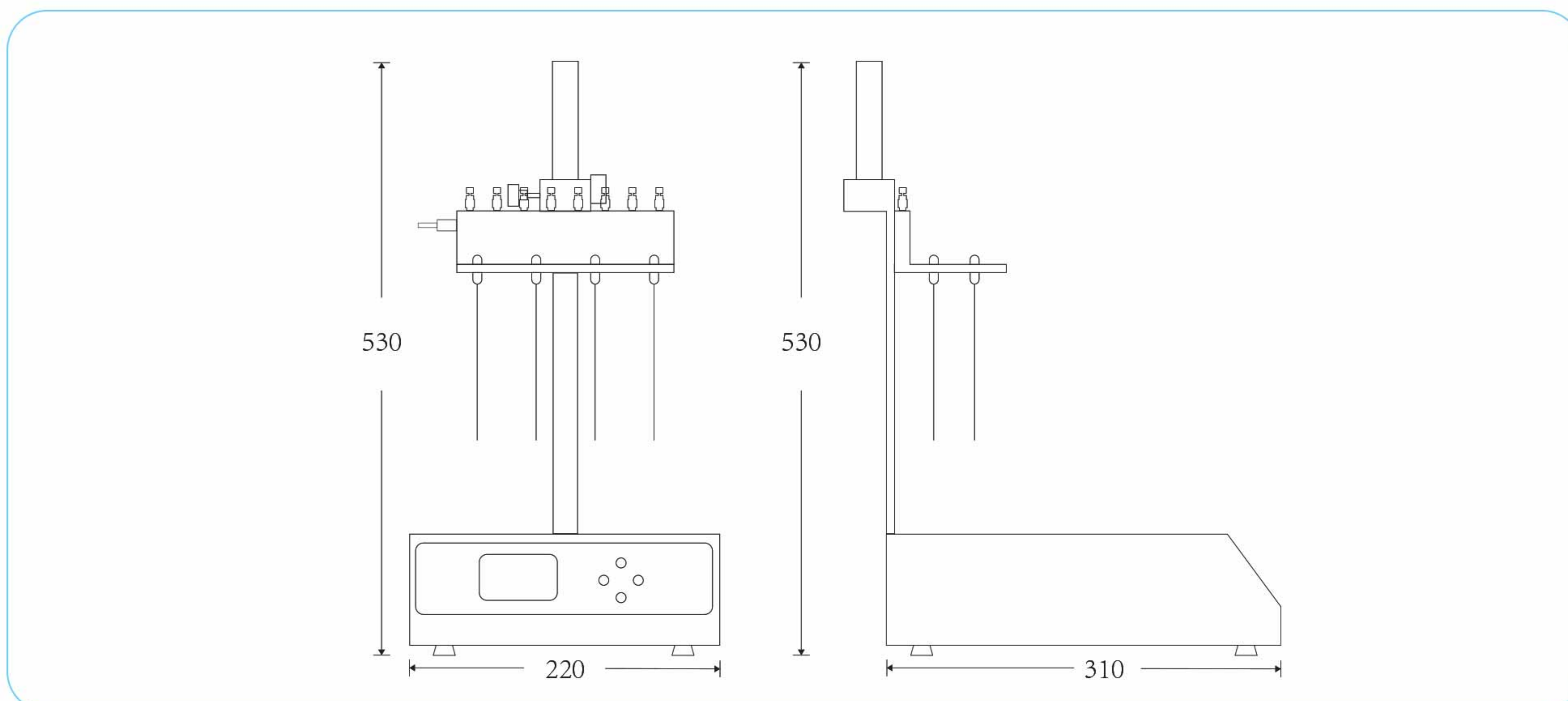


Visible Nitrogen Sample Concentrator

- 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)



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

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CENTRIFUGE

ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE

The Visible 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:

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

NITROGEN SAMPLE CONCENTRATOR

CLEAN BENCH

STERILIZER

VACUUM PUMP

FILTRATION

GRINDER

COLONY COUNTER

DRYER

CENTRIFUGE








ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE

| Model | NDK200-1B |
|------------------------------|--|
| 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 | Air Needle≤16, 0.04MPa/ Air Needle>16, 0.12MPa |
| Voltage | 110V/220V |
| Heating Power | 400W |
| Size of Exterior (W*D*H)(mm) | 220*310*530 |

List of Blocks:

| Block No. | Diameter of tube | Quantity of tube | Size of block | Picture of block |
|-----------|------------------|------------------|---------------|---|
| NK01 | 10*46 | 12 | 153.5*96 * 49 |  |
| NK02 | 12*46 | 12 | 153.5*96*49 |  |
| NK03 | 13*47 | 12 | 153.5*96*49 |  |
| NK04 | 15*47 | 12 | 153.5*96*49 |  |
| NK05 | 16*47 | 12 | 153.5*96*49 |  |
| NK06 | 19*47 | 12 | 153.5*96*49 |  |
| NK07 | 20*47 | 12 | 153.5*96*49 |  |