

# NITROGEN SAMPLE CONCENTRATOR CON12-NI



# NITROGEN SAMPLE CONCENTRATOR CON12-NI

Concentrator refers to the amount of a substance in a defined space. Concentration is especially used for concentrating or preparing sample in batches in laboratory.

Used in Drug screening, hormone analysis, liquid phase.

Also known as Laboratory Concentrator.

## CON12-NI NITROGEN SAMPLE CONCENTRATOR

Synchronously working with heating by dry bath in the bottom and nitrogen blowing on the surface accelerates liquid evaporation and sample concentration.

The length of a standard gas needle is 150mm.

The height of the air chamber plate can be adjusted. The unique characteristics: Sample surface in the tube can be observed while concentrating.

Gas needle is controlled independently. Separately blow of each needle and flow regulating of each needle are available to avoid gas waste.

The entire equipment can be put into ventilation cabinet when the concentration sample in toxic solvents.

Built in overheat protection, automatic fault detection and fault beep alarm devices.

LED displays immediate temperature and diminishing time. Operation is simple and convenient.

Standard configured air cavity and adjustable bracket.



## SPECIFICATIONS

Model	CON12-NI
Temp. Control Range	R.T.+5°C~150°C
Temp. Setting Range	5°C~150°C
Heating Speed	≤30min(40°Cto150°C)
Temp. Accuracy (100°C)	0.1°C
Time Range	1min~99h59min
Needle Plate Max. Lift Stroke	285 mm
Temp. Stability@40~100°C	±0.5°C
Temp. Stability@100~150°C	±1°C
Block Temp. Uniformity@100°C	±0.5°C
Block Temp. Uniformity@150°C	±1°C
Gas-In Joint Outer Dimension	Φ7 mm
Nitrogen Pressure	≤0.1 Mpa
Nitrogen Flow Rate	0~10L/min
Needle Length	150 mm
Sample Capacity	1 Standard Visible Block
Voltage	AC 220V/AC 110V, 50/60 Hz
Power	400 W
Fuse Protector	260x220x525 mm
Dimension(LxWxH)	W.220xD.260xH.525 mm
Net Weight	5.8 kg

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Capacity
LS52206	Swing-out Rotor – Adapter	Blood collection tube	28x8/10 ml
LS52219	Swing-out Rotor – Adapter	Blood collection tube	40x2-7 ml
LS52232	Swing-out Bucket Rotor	Falcon conical bottle	4x175/225 ml
LS52245	Swing-out Bucket Rotor	4x250 ml Corning conical bottle or 4x200 ml Nunc™ bottle or 4x175 ml Nalgene™ conical bottle	
LS52258	Swing-out Bucket Rotor	Blood collection tube	28x2-7 ml
LS52271	Swing-out Bucket Rotor	Blood collection tube	36x8/10 ml
LS52284	Swing-out Bucket Rotor	Blood collection tube	48x2-7 ml



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)