



## Sample Concentrator (Nitrogen Evaporator)



### Nitrogen Evaporator N2 EV -50

#### Features:

Nitrogen evaporators are used to prepare samples for analysis. Used in many industries, such as food, biotechnology, analytical chemistry, petroleum, and environmental sciences, nitrogen evaporators dry and concentrate samples so that tests like mass spectrometry, gas chromatography, and high performance liquid chromatography (HPLC) can be performed on them. Samples are loaded into the nitrogen evaporator and then nitrogen blowdown is used, sometimes in conjunction with heat, to rid the sample of moisture. There are variations among nitrogen evaporators, including how many sample positions it contains, whether it uses wet or dry baths, if it needs hood space or not, and whether it provides heat as well as nitrogen blowdown to evaporate the samples.



#### Applications:

- Forensic Toxicology
- LC/MS & Analytical research
- Lather Testing
- Fisheries Industries
- Food, water, soil and environmental solvent extraction
- Environmental samples
- Agrochemical samples
- Forensic and crime samples
- Drugs of abuse samples
- Food and beverage analysis



#### Safety compliance:

- CE certification
- ISO 9000 & ISO 8199

#### Documentation:

- Operational Manual IQ/OQ/PQ & CE Certificate will be provided

#### Note :

before Placing Order Follow FAQ

- 1) Once Confirm Sample Capacity
- 2) Connection Size

#### Parts List

| Sr. No | Description                   | QTY |
|--------|-------------------------------|-----|
| 1      | Nitrogen Evaporator           | 1   |
| 2      | Rack (as per test table size) | 1   |
| 3      | 8mm PU tubing                 | 1   |
| 4      | Exhaust hose (2mtr)           | 1   |
| 5      | Nozzle Caps                   | 1   |
| 6      | Male Connector                | 1   |
| 7      | Water Remover                 | 1   |
| 8      | Power Cord                    | 1   |

| Rack type (mm) | Working Volume |
|----------------|----------------|
| 12 mm x 75     | 4 ml           |
| 12 mm x 100    | 5 ml           |
| 16 mm x 100    | 10 ml          |
| 15 mm x 125    | 11 ml          |
| 15 mm x 150    | 13 ml          |
| 17 mm x 125    | 15 ml          |
| 18 mm x 150    | 20 ml          |
| 20 mm x 150    | 30 ml          |

#### Ordering Information

| Description         | QTY | Part No.  |
|---------------------|-----|-----------|
| Nitrogen Evaporator |     |           |
| 15 Sample System    | 1   | 1120-1415 |
| 30 Sample System    | 1   | 1120-1430 |
| 50 Sample System    | 1   | 1120-1450 |
| 100 Sample System   | 1   | 1120-1100 |
| 144 Sample System   | 1   | 1120-1144 |