

Nitrogen Evaporator



Nitrogen Concentrator Model: EV-plus-08 is a Precision Sample Concentrator by Nitrogen Purging. It is a newly designed Sample Concentrator for multiple sample pre-concentration of in organic media. A Table Top Model. The unit can be set to a constant Flow and constant Temperature to ensure good evaporation. Also, the Nozzle height can be electrically set to the required level. It is fully microprocessor controlled and water bath, Temperature, gas station, more advantage LCD display, over Temp. Heater ON/OFF LED, door open display, high-temperature Thermal Contour for safety for best quality and best performs.

Product Specifications:

- Time Range: 15 sec to 10 hours
- Time Set-up / down arrow keys (15 sec increments)
- Temperature range: Ambient to 90 °C (thermal cutout for safety)
- Temperature set-up / down arrow keys (1 °C increment)
- Start/stop: Green LED indication when process is On
- Display: LCD (Digital)
- Gas stations: 5 Nos. with LED indication
- Gas regulator range: 0 to 100 PSI (approximate)
- Pressure gauge range: 0 to 100 PSI
- Controlled: Fully Microprocessor based
- Sample capacity: 50 Nos.
- Gas Line: 5 Nos.

- Water tank capacity: 6.5 Ltr. (Not over flow)
- Dimensions: 30cm(H) x 40cm(W) x 55cm(L)
- Weight:20 Kgs (empty tank)
- Colour: Grey
- Power supply: 230 V AC / 3Amp
- Error indication: LED indication with Buzzer

Technical Specifications

- Space requirements: Table top or fume hood with minimum dimension L, W & H (cms) 70 x 50 x 65 table weight capacity 35 kg minimum requirement
- Work area: Flat, level, stable, surface
- Power supply: 230 AC/5amp single phase stable & well grounded
- Gas supply: Laboratory grade nitrogen
- Inlet pressure: 60 PSI minimum, 100 PSI maximum (And ON/OFF control valve)
- Exhaust: Exhaust duct outlet or fume hood - the exhaust duct must go to outside the lab.
- Water bath capacity: 6.5 Ltr. distilled water (6.5 Ltr. do not over flow)

Additional Information:

- **Minimum Order Quantity:** 1 per piece