

## Nitrogen Evaporator ATL-Turbo Vap-50



**Concentrating multiple samples by using nitrogen gas 50 samples**

### Technical Specification:

Technology	Vortex Sharing Technology
Display	LCD Digital Display for TIME & TEMP
Controlled	Fully Microprocessor based
Sample capacity	50 Nos. Gas Line: 5 Nos.

\* Auto Cut off Sensor for process Timer , Heating & gas.

Time Range	15 sec to 10 hrs
Temperature range	Ambient to 99°C (thermal cutout for safety)
Temperature set-up / down	arrow keys (1°C)
Start/stop	Green LED indication when process is On
Gas stations	5 Nos. with LED indication
Gas Pressure range	0 to 30 upto 100 PSI (approximate)
Water tank capacity	6.5 Ltr. (Not over flow)
Power supply	230 V AC / 3Amp
Error indication	LED indication with Buzzer
Certifications	ISO 9001 : 2008 & CE Certified
Gas stations	5 Nos. with LED indication, gas can be turn on each of
ndependent manifolds when working with samples	
Heater	Internal heaters, adjustable from ambient to 99°C

- \* Specially Designed Silicon self-Adhesive Heater fitted at the bottom side of the water tank.
- \* Pneumatic Fitting Janatics& Parker Make are using
- \* Water tank ,Test tube Rack & Nozzle Manifold Make SS 316
- \* Well efficient & adjustable ventilation.
- \* Gas Path Transparent Non Breakable Tubing.

2. S.S. 316 Rack 18 x 150mm working volumes 4 ml in Test Tube  
 (Rack Size Available from 1.5ml – 30 ml)

3. Standard fittings like Exhaust Pipe, Nozzle Caps, PU connector, PU Tube, Remover, Power Cord etc.

4. Test Tubes  
 (20 x 150 mm, uncapped, 500/case)

## Nitrogen Generator ATL-02T

### Technical Specification:

- a) N2 Purifier to remove O2 and all other unwanted impurities to produces Nitrogen upto UHP grade.
- b) Automatic Heatless Air dryer time based operation
- c) Surge receiver with pressure regulator & valve inbuilt
- d) Nitrogen, Air gas with regulator, Gauge and toggle valve (inbuilt) SS tank
- e) Air Filters for moisture, dust and oil, mist removal (set of 2 filters)
- f) Compact Size  
 Auto Pressure Cut Off Switch with Solenoid Valve, pressure gauge

Method of Purification :	PSA (pressure swing adsorption) & Depressurizations
Valves:	Valves: PLC Based Pneumatic 2 Way.
Gas outlet	Gas outlet : ¼" or ½" BSP male
Built in reservoir	Built in reservoir : storage tank provided
Power Supply	Power Supply : 230V AC 50 Hzs 1Ph 1.5
Micron Filters	Micron Filters : micron filters provided
Safety valve & gauges	safety valve, pressure gauges, electronic timer and solenoid valve provided.
Warranty and Spares	1 year from the date of acceptance
Capacity	150 LPM at 100 Psig Pressure (1 Evaporator)

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- Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's
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