



# 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.

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

<sup>\*</sup> Auto Cut off Sensor for process Timer, Heating & Damp; gas.



- \* 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: PLC Based Pneumatic 2 Way.
Gas outlet : 1/4" or 1/2" BSP male

Built in reservoir : storage tank provided
Power Supply : 230V AC 50 Hzs 1Ph 1.5
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)

# **Support & Services**



# **HPLC Servicing, Validation, Trainings and Preventive Maintenance:**

HPLC Servicing : We have team of service engineers who can attend to any make of HPLC

promptly @the most affordable cost.

Trainings :We also take up preventive Maintenace to reduce downtime of HPLC's

AMC's/CMC :We offer user training both in-House and at customer sites on HPLC

principles, operations, troubleshooting.

Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/U

SFDA norms

Instruments :We offer instruments / Renting Services Modules like pumps, detector etc.

on Rent.





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# **About Analytical Technologies**



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Atomic Absorption
Spectrophotometer



Liquid Partical Counter



Optical Emission Spectrophotometer

. Double Beam



DSC/TGA



NOVA 2020 plus Automated Bio Chemistry Analyzer



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Micro Plate Reader/Washer



Water purification system



Total Organic Carbon



Fully Automated



NOVA Basic Semi -Auto Chemistry Analyzer



PCR/Gradient PCR/



Blood Gas Analyzer



Random access Analyzer for immunoassay Proteins & clinical chemistry



Semen Analyzer



Water Purification System

#### Regulatory compliances





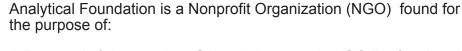








#### Corporate Social Responsibility





- 1.Research & Innovation Scientist's awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org
- 2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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HPLC Solutions MultipleLabs

**Analytical Bio-Med** 

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Analytical Foundation (Trust)

Corporate & Regd. Office: Analytical House, # E67 & E68, Ravi Park, Vasna Road, Baroda, Gujarat 390 015. INDIA T: +91 265 2253620 +91 265 2252839 +91 265 2252370

F: +91 265 2254395

E: info@hplctechnologies.com info@multiplelabs.com info@analyticalgroup.net info@analyticalbiomed.com W. www.ais-india.com www.analycalgroup.net www.hplctechnologies.com www.multiplelabs.com Sales & Support Offices: across the country: Distributors & Channel partners World Wide