

Speedovap® HIGH VOLUME Nitrogen Evaporator & Concentrator

About Us: Takahe Analytical Instruments is a manufacturer & supplier of bio- analytical & quality testing instruments such as Nitrogen Evaporators and Concentration System, Solid Phase Extraction(SPE)-Positive Pressure Manifold.

Nitrogen Evaporators: Used in several industries, such as food, biotechnology, analytical chemistry, petroleum and environmental sciences, Nitrogen Evaporators prepare sample by evaporation using combination of heat and blowdown nitrogen to concentrate samples for further testing on systems like HPLC, GC or Mass Spectrometry.

Takahe Analytical Instruments the leading Indian manufacturer of Nitrogen Evaporators & Concentration systems offers a range of models of the Nitrogen Evaporators. Our flagship product has been satisfactorily accepted by end-users. To serve all the industry needs we have also in our offering, a High Volume Nitrogen Evaporator often used for Food, Soil and pesticide testing and other such needs. Also available is the **COMBO** configuration in this system, specifically designed for each individual customer to optimise the instrument for low and high volume evaporation samples, saving time and table space in labs.

With over 600 installations across India and overseas, Takahe Analytical Instruments have established their product with CROs, agriculture & environment industry, food industry, testing labs and educational institutions. While adding instruments to the lab, users after having used the product choose this product again as their choice of evaporators.

Specifications & Technical Details:



Standard Model: Details on right. Exact sample no as per user specifications

Model name: Speedovap®-HV

Max no. Of samples	Up to 15
Sample Volume	2 ml to 200 ml
Number of Stations	3
Max no of samples /station	Up to 5
Evaporation Medium	Nitrogen
Temperature Setting	Ambient to 90°C
Pressure	Adjustable
Time setting	1 min to 9.5 hrs or indefinite
Fume extraction	Inbuilt vented out

***Number of samples dependant on glassware shape & volume**

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Additional details:

Controls	Microprocessor
Temp & Time display	LED for better visibility
Supplied with	Installation Kit: Drain water pump Exhaust hose Nozzle plugs Nozzle cleaner Power cord Manual, IQ/OQ/PQ docs with traceability certificates
Rating	230 volts

Features:

- Aluminum body for rust control
- In-built alarms with customizable setting for over temperature alert
- Sensor for Door Open triggering alert
- Inter-changeable test tube racks for multiple size test tubes testing
- Safety Features include Audio and display Alarms; Auto Stop of process on Door Open etc.

SPECIAL FEATURE:

- Customisation of racks for different kind of glassware
- **End Point test tubes** available on specific request for timed end point method
- **Optical End Point Nitrogen Evaporator** also available for automated Fixed volume evaporation

Certifications:

International Certification conforming to - 2004/22/EC Measuring Instruments Directive - 2014/35/EU Low Voltage Directive - 2009/105/EC Simple Pressure Vessels	ISO Certification to Takahe Analytical Instruments - ISO 9001:2015 Quality Management System for following scope of activities: Manufacturing of Analytical Instruments and Related Software Development.
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