

## Speedovap – High Volume -Combo 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 besides supplying HPLC spares and Second hand Refurbished & Reconditioned HPLCs.

**Nitrogen Evaporators:** Nitrogen evaporators are used to prepare samples for analysis. 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 nitrogen to concentrate samples for further testing on systems like HPLC, GC or Mass Spectrometry.

**Takahe Analytical Instruments** an Indian manufacturer of Nitrogen Evaporators & Concentration systems offer 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.

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. Customisation for available after feasibility study for users having a requirement of Low Volume and High volume evaporation. (COMBO)

### Model name: Speedovap-HV & Combo

|                            |                                |
|----------------------------|--------------------------------|
| Max no. Of samples*        | Upto 8 /15/ 50                 |
| Sample Volume              | 2 ml to 250 ml                 |
| Number of Stations         | 2/3 / 5                        |
| Max no of samples /station | Upto 3/5/ 10 *                 |
| 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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### Other details:

|                                |   |
|--------------------------------|---|
| <b>Controls</b>                | Microprocessor  |
| <b>Temp &amp; Time display</b> | LED for better visibility   |
| <b>Supplied with</b>           | Installation Kit:<br>Drain water pump<br>Exhaust hose<br>Nozzle plugs<br>Nozzle cleaner<br>Power cord<br>Manual, IQ/OQ/PQ docs with traceability certificates |
| <b>Rating</b>                  | 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**

### Certifications:

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

