



Takahe Analytical Instruments
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Because Samples Matter

Bio-eVap Nitrogen Evaporator & Concentrator

Takahe Analytical Instruments is a leading manufacturer of sample preparation and quality testing instruments, including Nitrogen Evaporators, Concentration Systems, Solid Phase Extraction (SPE) Positive Pressure Manifolds, Vacuum Manifolds, Multi-tube vortexers and mixers, and customized pipetting robots. With a diverse range of models, Takahe meets the lab application needs of industries nationwide, making it a top brand as recognized by an independent survey.

Nitrogen Evaporators: A critical aspect of analysis is sample preparation. At Takahe, we have tirelessly worked to streamline this process, ensuring both simplicity and compliance. Our innovative systems allow for the evaporation of large number of samples in a single batch without compromising output quality and by only increasing marginally nitrogen requirement-Key factors in achieving uniform evaporation.



Widespread Adoption and Growing Demand

Our 100-position and 144-position dual-pressure systems have been widely accepted and installed in leading CROs across the country. In response to increasing demand by start-up labs, we have introduced the Bio-eVAP LX Nitrogen Evaporator. With features such as **quick selection of nozzle stations** for set of 4 rows, the Bio-eVAP LX is a perfect choice for labs focusing on efficient sample processing.



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Features:

- Aluminum body for rust control
- Double Pressure setting to eliminate contamination risk during evaporation process
- In-built alarms with customizable setting for over temperature alert
- Sensor for Door Open triggering alert
- Rack specially designed for Ria Vial and Eppendorf tubes
- Safety Features include Audio and display Alarms; Auto Stop of process on Door Open etc.
- Cannot modify any parameter of time, temperature once evaporation SET method is ON

Specifications & Technical Details of Bio-eVAP BVLX:

Model name:	Bio-eVap
Max no. Of samples	144
Sample Volume	1.5 ml – 4 ml
Max Number of Stations	12
Max no of samples/ Stn	12
To fit Test tube size	10. 0 mm X 40 mm & 11.5 mm X 75 mm
Evaporation medium	Nitrogen
Temperature setting	Ambient to 70°C
Pressure	Adjustable
Time setting	1 min to 9.5 hrs
Fume extraction	Inbuilt vented out

Other details:

Controls	Microprocessor	Compatible with	speX 144
Temp & Time	LED better visibility in	Nitrogen Gas	Only 220 lpm for 144
Display	Fume Hood	Utilisation	open positions at 20 psi
Rating	230 Volts	NOZZLE TIPS	Disposable
Installation Kit	Auto Drain Outlet Exhaust hose Nozzle plugs & cleaner Power cord Manual, IQ/OQ/PQ docs with traceability certificates	CERTIFICATIONS	
			

Takahe Analytical Instruments reserves the right to change the above specifications for improving of the product