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*Because Samples Matter*

## speX Positive Pressure Sample Processor

**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.

**Solid Phase Extraction Systems:** Solid phase extraction is a chromatographic technique used to prepare samples for subsequent analysis by removing interfering substances that may be present. This is done either by retaining the substance of interest and washing off everything else or by retaining the interfering substances and eluting the product of interest.

**Takahe Analytical Instruments** an Indian manufacturer of Sample preparation Systems offers a range of models of the Nitrogen Evaporators and Solid Phase Extraction Systems based on the application of the industry.

Takahe Analytical Instruments have established their product with Pharmaceutical Cos., CROs, Agriculture & environment industry, food industry, testing labs and educational institutions.

Comparison of Positive Pressure Manifold Vs Negative Pressure Manifold SPE system

<b>Positive Pressure Manifold SpeX – Takahe Analytical Instruments</b>	<b>Vacuum Manifold</b>
<ul style="list-style-type: none"> <li>• Easy and Safe to use</li> <li>• All the positions are individually regulated to provide even pressure through-out the columns</li> <li>• Reduced Carry over</li> <li>• Lesser pre-process preparations</li> <li>• Easy waste tray and disposal</li> <li>• Faster processing times</li> <li>• Faster interchangeability of columns and test tube sizes</li> </ul>	<ul style="list-style-type: none"> <li>• Faster flowing columns run dry and then slowing the flow through the other columns causing irreproducible recoveries</li> <li>• Adapters required for different size Cartridges</li> <li>• Plugs required for open column positions</li> <li>• Viscous samples are difficult to process as the vacuum is limited to 15psi</li> </ul>

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## SpeX Positive Pressure Sample Processor

Choose a system from the range of SPE Systems for different Labs and Applications

Model Name	No of Positions	Waste Bin Inserts (Stainless Steel)	Compatible with Cartridge size	Compatible with Test tube sizes
SpeX 48	48	2	1 cc,	10 X 75
SpeX 96	96	2	3cc,	12 X 75
SpeX 144	144	2	6 cc	13 X 100 16 X 100

Dimensions for SpeX 144: 68 X 42 X 40 (D X W X H) cms

Rotameter Range: 0-10 SCFM



### Features:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Aluminium body with high grade long lasting powder coating</li> <li>Two Hand Operation for safety</li> <li>Inter-changeable racks for multiple size test tubes</li> <li>Even column processing times</li> <li>Reproducible analyte recoveries</li> <li>Lesser Pre-process preparations</li> <li>Convenient direct waste disposal</li> <li>Dual flow settings - for extraction and drying</li> <li>Easy to use test tube tray</li> </ul> | <ul style="list-style-type: none"> <li>Dependable After Sales Service</li> <li>Supplied with DQ/IQ/OQ/PQ documentation</li> <li>Standard Warranty - One-year</li> </ul> <p>ISO Certification to Takahe Analytical Instruments<br/>         - ISO 9001:2015 Quality Management System for following scope of activities: Manufacturing of Analytical Instruments and Related Software Development.</p> |
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Takahe Analytical Instruments reserves the right to change the specifications without prior intimation.



Certifications: ISO 9001:2015

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