

Nitrogen Evaporator EV-HMI-50

Description :

- LABWAN is a nitrogen blow-down Semi automated evaporation system that provides automated evaporation of up to 144 samples in parallel with endpoint detection.
- This modern design features many new enhancements including a top glass in tank for much greater visibility removable/replaceable nozzles on the lid, on- the- fly nozzle adjustment, easily exchangeable manifolds to extend functionality, programmable evaporation flow gradients, easy access drain port and user friendly touch screen interface.
- This automated nitrogen evaporation system uses vortex airflow generated from stable angled nitrogen blow, to constantly disturb the sample surface and lower its vapor pressure in order to gain gently rapid evaporation under water bath heating.

Each sample position is equipped with optical align to precisely determine endpoint of concentration. User can have real-time monitoring to whole process through built-in touch screen, make it easier to access and observe.

- LABWAN EV-HMI50 Automated evaporation system is designed for large-volume concentration for sample batches, typically used to evaporate extracts of soil and water samples from environment, azo dye from textiles, fat and acid value from fried foods, as well as residues of pesticides and veterinary drugs



Applications:

- Forensic Toxicology
- Lcms & Analytical research
- Lather Testing
- Fisheries Industries

Vortex shearing technology



Safety compliance:

- CE certification
- ISO 9000 & ISO 8199

Features :

- Feather Touch Display
- Advanced Micro Controller based
- 480x272 pixels color TFT Display and LCD at each and every operation or any faults messages on the display
- Adjustable blow down angle: optimize the shear vortex action by adjust the angle of the needles pointing, to ensure efficient evaporation
- 100 % Made In India

Ordering Information		
Description	QTY	Part No.
Nitrogen Evaporator		
15 Sample System	1	1120-1415
30 Sample System	1	1120-1430
50 Sample System	1	1120-1450
100 Sample System	1	1120-1100
144 Sample System	1	1120-1144

Rack Specifications (SS 316L)	
Rack type (mm)	Working Volume
12 mm x 75	4 ml
12 mm x 100	5 ml
16 mm x 100 (Standard)	10 ml
15 mm x 125	11 ml
15 mm x 150	13 ml
17 mm x 125	15 ml
18 mm x 150	20 ml
20 mm x 150	30 ml