



Vacuum Concentrator Centrifuge LD-LVC-B21

Labodam Equipment Ltd.
info@labodam.com | www.labodam.com

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Overview

Vacuum Centrifugal Concentrator LD-LVC-B2 Series is offers advanced cooling in addition to vacuum-driven solvent evaporation. By integrating precise refrigeration, it protects heat-sensitive compounds such as nucleotides, proteins, and metabolites during concentration. This ensures higher sample recovery and stability, even when processing volatile or thermally labile solvents.

Features:

- Advanced refrigeration system to safeguard heat-sensitive samples
- LCD touch screen with real-time display of speed, temperature, vacuum, and running time
- Programmable control with up to 36 method storage for repeatable processes
- Automatic pressure regulation with precise vacuum control (accuracy 0.1 mbar)
- Delayed start option to reduce sample disturbance during vacuum initiation
- Wide rotor compatibility with tool-free exchange for flexible use
- Observation window for convenient process monitoring
- Optional cold trap integration for enhanced solvent capture and higher efficiency
- Corrosion-resistant diaphragm or hybrid pump configurations for aggressive solvents

Applications:

Vacuum Concentrator centrifuge is used across chemical, petrochemical, food, pharmaceutical industry for residual analysis of an extracts, and mixtures like methanol/water or any drug/ solvent etc.

Specifications:

Noise	?68 dBA
Power	0.9 kW
Timer	0~99 h 99 min
Max. Speed	2500 rpm
Temp. Range	-10 ~ +100 ?
Power supply	220 V, 50 Hz
Max. Capacity	12x100 ml
Temp. Accuracy	±1 ?
Dimension (LxWxH)	540x653x420 mm
Vacuum Control Range	1~1000 mbar
Main unit withstands vacuum levels	0.01 mbar