



Vacuum Concentrator Centrifuge LD-LVC-B11

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Vacuum Concentrator Centrifuge LD-LVC-B11

Overview

Vacuum Centrifugal Concentrator LD-LVC-B1 Series is designed for rapid and efficient evaporation of solvents in biological, chemical, and analytical laboratories. It combines centrifugal force, vacuum pressure, and controlled temperature to enable gentle removal of solvents without degrading sensitive samples. Its modular design allows easy adaptation to different rotor types and vacuum pump configurations, providing flexibility for both small-scale research and high-throughput laboratory environments.

Features:

- High-definition LCD touch screen with simultaneous display of operational parameters
- Programmable operation with up to 36 stored methods for reproducible results
- Delayed start function to prevent cross-contamination from sample mixing
- Fully automatic vacuum control with 0.1 mbar accuracy
- Tool-free rotor replacement and broad compatibility with various rotor heads
- Transparent viewing window for direct monitoring of samples
- Chemical corrosion-resistant diaphragm or hybrid pump options
- Optional cold trap for enhanced solvent recovery and faster processing

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	75 dBA
Power	0.7 kW
Timer	0~99 h 99 min
Max. Speed	2500 rpm
Temp. Range	Room Temperature ~ +100 °C
Power supply	220 V, 50 Hz
Max. Capacity	12×100 ml
Temp. Accuracy	±1 °C
Dimension (L×W×H)	440×536×304 mm
Vacuum Control Range	1~1000 mbar
Main unit withstands vacuum levels	0.01 mbar