



LACEVAC-1C Series Centrifugal Vacuum Concentrator

System with integrated vacuum pump

Download Catalogue



COLO Laboratory Centrifugal Vacuum Concentrator

Scope of Application:

- Preparation of DNA/RNA samples before electrophoresis or microarray analysis
- Labelling of cDNA with fluorescent dyes.
- Drying of PCR samples in aqueous solvents.
- Concentration of nucleosides, proteins, drugs, metabolites, enzymes, or similar samples.

Key Features Temperature Control:

- Shortcut keys for room temperature, 30°C, 45°C, and 60°C. Motor and

Drive System:

- Maintenance-free induction motor with electromagnetic drive, low noise.

Speed Adjustment: Adjustable rotating speed from 300rpm to 1800rpm.

Design: Humanized design with a height of 24cm for easy sample handling.

Additional Features: Built in Diaphragm vacuum pump, Integrated design. Anti-Corrosion Centrifugal chamber with Teflon coating. Easy operation, one key start function to avoid operation errors.

Safety Design: Automatic vacuum discharge after power failure and specially designed inlet filter component.

Diaphragm Pump: Corrosion-resistant and maintenance-free.

Acceleration and brake rotors settings with turn off function to prevent possible damage to the samples.

In accordance with the appropriate sample solvent, three modes of application are possible: water, alcohol or high vapor pressure



Integrated oil free PTFE vacuum pump

Complete system with integrated oil-free PTFE vacuum pump and integrated condensate intake



Wide range of rotors at your choice

Micro titer plate, PCR Plate, from micro tube 0.2ml to 50ml tubes



Acceleration and brake rotors settings with turn off function



Multiple working mode

Centrifuge – Concentrator - Desiccator



Temperature settings

Customer choice: Ambient, 30°C, 45°C, 60°C



Type	LACEVAC-1C
Max Rotor Speed	1400 rpm/250xg
Vacuum pressure	20 mbar
Noise	<45 dB (A)
Timer	1min to 9h59min or continuous
Max capacity	96x1.5/2 ml tube
Power	350W
Power supply	220V-10% 50/60Hz
Dimension cm WxDxH	33x58x29
NW	32kg
Optional accessories	Imagin instruments, Cold trap, Rotors,
Rotors	
R1-Angle rotor	48x1.5/2mltube
R2-Angle rotor	96x1,5/2ml tube
R3-Angle rotor	24x5ml+66x1.5ml tube
R4-Angle rotor	40x10ml tube
R5-Angle rotor	6x15ml conical tube
R6-Angle rotor	6x50ml conical tube
R7-Angle rotor	8x40ml +8x10ml (penicillin bottle)
R8-Angle rotor	16x20ml tube
R9-Swing out rotor	2x96 ELISA plate
R10-Sving out rotor	2x96 micro plate

Please note
 If this Vacuum Concentrator does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts 
 Laboratory Equipment production and Distribution
 www.colo.si
 Polje ob Sotli 4 SI-3255 Slovenia
 tel. +386 64 222 724 E-mail: sales@colo.si