

Compact Centrifugal Evaporator Model CVE-3100

PTFE coated chamber is resistant for TFA, DMF and DMSO which are used in CombiChem.

Vacuum pump starts after the rotation speed stabilizes.

For stopping operation, the vacuum is released, vacuum pump stops and the rotation stops.

Lid is inside is glass and outside is PVC resin for protection.

Temperature setting range is room temperature +5 ~ 80°C.



Applications

Concentration of DNA, RNA, peptides synthesis, drug or substation.

Removal of extracted solvent

Pretreatment or post-treatment for HPLC

Concentration or dry after ethanol precipitation

Specifications

Model	CVE-3100
Concentration method	Vacuum concentration by centrifugal force
Rotation speed	100 ~ 2000 rpm variable control with slow start
Ultimate vacuum	13.3Pa (0.1 Torr or less) with external vacuum pump.
Temperature control	Thermistor proportional control
control range	Room temperature +5 ~ 80°C
setting	Digital setting and digital readout
Speed control	Control knob
Safety feature	Overheat protector, Motor brake at lid opening Automatic vacuum release for power failure or stop operation
Rotor	Option
Heater	140W
Motor	50W output
Vacuum seal	Sealless magnetically coupled drive
Vacuum gauge	Bourdone tube type, (-100 ~ 0 kPa)
Air filter	0.2µm
Vacuum release valve	Manual, slow release
Chamber interior	Stainless steel SUS 304 with corrosion resistant coat 310 dia. x 200 H mm
Vacuum nozzle	OD 10 mm
Environment temperature	5 ~ 35°C
Overall dimensions	326W x350D x 397H mm
Net weight	22 Kg
Power consumption	4A, 400VA
Power source	AC100V 50/60Hz