

# Centrifugal Evaporator CVE-3000

Centrifugal evaporator with a built-in cooling coil for concentration of samples sensitive to heat.



CVE-3000

## Features

- Built-in cooling coil enables cooling from 4°C; providing low temperature concentration of heat sensitive samples.
- 15•50mL rotor are available.
- Slow up start and slow down stop mechanism protect tubes from damage due to sudden rotation shock.
- Glass (inner) and resin (exterior) double construction cover. To avoid distortion by organic solvents, gas contact part is made of glass.

# Centrifugal Evaporator CVE-3110

Centrifugal evaporator with Teflon coated chamber for combinatorial chemistry of TFA, DMF, DMSO.



CVE-3110

## Features

- Chamber is made of SUS 304 and coated with teflon; providing strong resistance against acid and organic solvents.
- Glass (inner) and resin (exterior) double construction cover. To avoid distortion by organic solvents, gas contact part is made of glass.
- Variety of rotors are available such as for deep well plate, centrifugal tube for combinatory chemistry.
- Temperature control range RT+5~80°C with digital setting and display.

## Specifications

Product name	Centrifugal Evaporator	
	CVE-3000	CVE-3110
Model	CVE-3000	CVE-3110
Cat. No.	252170	260580
Evaporation method	Depressed evaporation by centrifugal force	
Rotation speed	100~2000rpm (50/60Hz)	
Temp. control range	4~80°C	OFF•RT+5~80°C
Ultimate vacuum	0.13hPa	
Heater	140W+25W	100W
Rotor, vacuum pump	Option	
Vacuum seal	Magnet drive system (sealless)	
Chamber ID (mm)	Φ260 x 180H	
Chamber material	SUS 304 Teflon coated	
Dimensions(mm) & weight	368W x 348D x 425H 29kg	326W x 349D x 397H 22kg
Power source	300VA AC100V	400VA AC100V

## Options for CVE-3000 & 3110



## ■Rotor (SUS Teflon coated)

Model	Applicable tube	Number	Cat. No.
R-3100A	Micro tube (OD10.8mm, 1.5mL)	96	192440
R-3100B	Test tube (OD10~12, L90~120mm)	48	192450
R-3100C	Test tube (OD16.5~18mm, L90~120mm)	48	192460
R-3100D	Test tube (OD17.5~18mm, L130~165mm)	48	192470
R-3100E	Vial bottle (OD40.5x78.5mm, 50mL)	10	192480
R-3100F	Deep well plate	2	192490
R-3100G	Test tube, Centrifugal tube (OD35x105mm)	12	192500
R-3100I	Centrifugal tube (15mL)	48	252180
R-3100J	Centrifugal tube (50mL)	18	252190
R-3100K	Test tube (OD13~15mm, L90~150mm)	48	253990

## ■Cold Trap

Model	Min. temp.	Cat. No.
UT-1000	-50°C	189200
UT-2000	-100°C	189210

## ■Diaphragm Vacuum Pump

Model	Cat. No.
NVP-2100	261820
EVP-1100	241950
DTC-22	230290
DTU-20	209380
MD-1C	198530

## ■Oil Rotary Vacuum pump CVE-3000

Model	Cat. No.
GLD-051	190840
GCD-051X	190850
GCD-051XF	191080

## CVE-3110

Model	Cat. No.
GCD-051X	190840
GCD-051XF	190850