



# General Equipment

## Rotary Evaporator System



RE100-P

### Rotary Evaporator

A rotary evaporator (rotovap) is a device used in chemical laboratories for the efficient and gentle removal of solvents from samples using heat and reduced pressure. An essential system for the fabrication of lipid bilayers and liposomes.

Cat No	Life Mechanism	Speed Range (RPM)	Max Temperature (°C)	Dimension (W x D x H) (mm)
RE100-P	Automatic	20 – 280	180	465 x 457 x 583
RE100-S	Manual	20 – 280	180	440 x 320 x 450

## Recommended Accessories

### 1. CCP5-15 - Low Temperature Circulator

Ensures double helix condensing tube (1200cm<sup>2</sup>) remains cool for the condensation of aqueous and organic solvents.

### 2. C410 Vacuum Pump

- Motor Speed: 1700 rpm, 1450 rpm
- Vacuum: 2-13 mbar
- Outlet: 10mm
- Pumping Speed: 25L/min
- Two-stage pump
- Built-in thermal protection device

### 3. VC100 Vacuum Controller

- Vacuum Setting Range: 1-1000m bar
- Control Operation Mode: Single-point/Programmed
- Setting Method: Touch screen setting
- Materials in contact with vapor: PTFE, PP, silicone, and ceramics

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RE100-S

### Seals and other accessories

Cat. No.	Description	
18202027	PTFE vacuum seal	
18900362	Ultra resistant FFKM seal for applications with highly abrasive solutions	
18900190	Evaporation flask clip(red) CS002440	
18900188	Evaporation flask clip(green) CS002942	