

# Rotary Evaporator



The laboratory tool EVAP Series system is a new design and new generation of intelligent rotary evaporator, with double row of large capacity blue back-lit LCD as man-machine interface, control part adopts high-performance single chip as the master control chip and special control program according to controlled member, beauty in appearance and stable in property.

## Product Parameter

Model	EVAP -5L	EVAP -10L	EVAP -20L	EVAP -50L
Optimum Ambient (°C)	5-35			
Power Supply (VAC/Hz)	Single phase 220/50		Three phase380/50	
Rotary Speed	Digital display, stepless speed regulation			
Motor Rotating Control(rpm)	10-140	20-120		20-120
Rotary Brushless Motor(W)	150	250		
Temperature Control (°C)	Digital Display, Above Room Temp 5°C to 400°C			
Maximum Vacuum (Pa)	399.9(Pa)			
Rotary Flask(L)	5 FlangetypeØ50	10 FlangetypeØ125	20 FlangetypeØ125	50 FlangetypeØ125
Collection Flask(L)	3	5	10	20
Condenser	Vertical double serpentine tube	Vertical, main cold + sub-cool, high efficiency three-return condenser		
Condensation Area (m²)	0.27	Main cold 0.42 Deputy cold 0.22	Main cold 0.8 Deputy cold 0.39	Main cold 0.91 Deputy cold 0.52
Evaporation Speed (L/h )	Water≥1 Alcohol≥3	Water≥2 Alcohol≥5	Water≥4 Alcohol≥10	Water≥8 Alcohol≥20
Water Bath Material	Stainless Steel			
Bath Size (mm)	Φ300×170	Φ350×220	Φ450×260	Φ550×320
Lift Type	Electric (Automatic)Lift			
Lift Distance (mm)	0-100	0-160	0-190	0-180
Power(kW)	1.5	3	4	8
Dimension (mm)	860×500×1100	920×550×1700	1250×600×2100	1320×770×2340