

Our QUANTUM Rotary Evaporator is a device used in extraction laboratories for efficient and gentle distillation of solvents from samples by evaporation. Rotary evaporation is most often and conveniently applied to separate “low boiling” solvents such as butane or ethyl alcohol from compounds which are solid at room temperature and pressure.

**QUANTUM EVAP01 is an ideal tabletop for small scale evaporation and recovery of solvents.**

**Features:**

- Digital PID temperature and rotation speed control
- All PTFE valves for improved lifespan and chemical resistance
- Direct injection capability for continuous feeding of solution
- Small tabletop footprint
- Electric multi-level lifting mechanism for ease of use



**Specifications:**

Model	EVAP-01
Operating Ambient Temperature	5 – 35 °C
Glass Material	High Borosilicate
Power (V/Hz)	220V 50Hz Single Phase
Speed Regulation	Digital Step-less Regulation
Rotation Speed	20-198RPM
Set Temperature	0 - 99 °C
Temperature Control	Digital Temperature Control
Maximum Vacuum Pressure	-29.8 inHg
Evaporating Flask Capacity	2L
Receiving Flask Capacity	1L
Condenser Style	Vertical Double Helix
Evaporation Capacity	Alcohol >= 1 L/H
Bath Heating Max Current Draw	13.6 Amps
Water Bath Material	Teflon Composite
Water Bath Heating Power	1.8 kW
Motor Power	120 W
Lifting Function	Electric
Lifting Stroke	140mm / 5.5"

## Detail description



### High quality GG-17 glass

Dual main and dual auxiliary condensers design, high efficient recovery.



### Dual O-ring PTFE design for superior sealing

Screwing design for open&close easier



All PTFE gaskets: fit for all corrosive and high temperature experiments in high vacuum



### Clear PTFE tube guides material directly into flask

Stainless steel water bath with anti-resistant shell



### PTFE check valve for receiving flask

Hold vacuum for whole system easily when drain

