



SINCE 1978

# OPTICS TECHNOLOGY

Manufacturer & Exporters of : LAB TESTING INSTRUMENTS



An ISO 9001:2015 CERTIFIED IEC 61010-1:2010  
An ISO 10002:2018 CERTIFIED BS EN 12469:2000  
An ISO 13485:2016 CERTIFIED ISO 29463-5:2022

## ROTARY VACUUM EVAPORATOR CE



OT-RVE-42 MS



OT-RVE-42 ML

Motorized Lifting  
Arrangement

The apparatus consists of an evaporating flask by DC motor in a heating water bath. Vacuum Distillation of solvent at high and low temperature is achieved quickly and efficiently by use of a variable speed motor, which prevents foaming and bumping of the liquid (solvent) into the evaporating flask and also distillation under controlled atmosphere. The evaporating flask is pear shaped to give a large surface area of evaporation and is clamped to a glass duct, which goes through the drive unit and produced into the condenser. The condenser is fitted with standard joint at the top and the bottom for receiver flask the unit is fitted with quick action.

Rotation speed	: 20 - 140 RPM.
Evaporating flasks	: 800ml
Condensing surface	: 1200 cm <sup>2</sup>
Operating voltage	: 230V, 50 Hz
Power consumption Max.	: 2000 W

### Optional:

- (A) Water Bath **Thermostatic OR Water Bath Microprocessor Based PID Controller**
- (B) Vacuum Pump (Oil Free Diaphragm Type)
- (C) Digital RPM Indicator
- (D) Micro Attachment Set
- (E) Automatic Motorized Lifting Arrangement
- (F) Chemical Resistance Vacuum Pump (Oil Free)
- (G)
  - Cooling Water Bath (Chiller Circulator) PID Controller MS Body
  - Cooling Water Bath (Chiller Circulator) PID Controller (S.S. 304)

**NOTE :** { Temperature Range (Water Bath) : Max. Temperature Accuracy :  $\pm 1^{\circ}\text{C}$  }  
Only available with Water Bath Thermostat / Digital Model

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