

ROTARY

VACUUM EVAPORATOR

MAC

MSW-192(PROPLUS)



Images for reference purpose only, may change according to model & size

Macro Scientific Works Pvt. Ltd.

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- Newly designed, highly functional, user-oriented evaporator for improved laboratory safety and security featuring enhanced working experience.
- “MAC” Rotary Evaporator is ideal for continuous distillation of many volatile solvents under reduced pressure. Excellent solution for a wide range of laboratory application such as:
 - ✓ Concentration of solutions
 - ✓ Vacuum drying of wet solids
 - ✓ Degassing liquids
 - ✓ Reclamation of solvents
- Unit is equipped with universal heating bath, vertical glassware, digital interface with safety features.
- Digital console provides reliable and reproducible process results.
- Auto jack system for up and down movement of driving unit with the help of wired remote key.
- Automated lift-out function in case of power outages.

SALIENT FEATURES:-

- Futuristic design
- Universal heating bath for water and oil with dry run protection.
- Vertical condenser for excellent and fast cooling effect.
- Motorized lift controlled with touch of a button.
- Optimized for fast heating.
- Large cooling surface of 1400cm² for efficient condensation.
- Rugged and space saving

TECHNICAL INFORMATION

MODEL	#RVE-1(PROPLUS)	#RVE-3(PROPLUS)	#RVE-5(PROPLUS)
CAPACITY	1 ltrs.	3 ltrs.	5 ltrs.
MOC-Body	CRC Sheet duly powder coated		
Lift System	Electronic Motorized auto lift system		
Height Adjustment	With motorized lift and corded remote		
Rotation Speed Drive	BLDC motor with electronic speed control		
Rotation Speed (RPM)	20-300		
Stroke	155 mm		
Cooling Surface	1400 cm ²		
Condenser Type	Vertical		
Timer	0-999 minutes		
Protection Class	IP-40		
Controller	TFT touch screen multi information display controller		
Controlled Parameters	Rotation Speed Timer Function Drying Solvent Library Data Storage and Transfer via USB		
Solvent Library	Inbuilt solvent library with facility to add more as per user requirement.		
Flask Capacity	Evaporating flask from 50-3000 ml or better can be used on the same joint adapter without additional connections.		
Power Supply	230 V AC, 50 Hz		
Ambient Temperature	5-35°C		
Relative Humidity	80%		

HEATING BATH

MOC- Outer	CRC Sheet duly powder coated
MOC- Inner	Stainless Steel SS-304
Capacity	4.5 Ltrs
Max. Evaporating Flask Volume	3 Ltrs
Max. Temperature	180°C
Temperature Control	Digital, facilitated in the main unit
Temperature Accuracy	±1°C
Heating Media	Oil and Water

OPTIONS

- Oil Free Vacuum Pump (OFVP-100DS)
- Oil Free PTFE Coated Diaphragm Pump (High Vacuum) ($\leq$ 8-10 mBar)
- Ultra High Direct Driven Vacuum Pump
- Liquid/Water Circulator Chiller (For #RVE-1(PRO) & #RVE-3(PRO))
- Liquid/Water Circulator Chiller (For #RVE-5(PRO))
- Digital Vacuum Controller

Featured with



TFT Touch Screen Controller

