

ROTARY EVAPORATOR

STANDARD: EN 12697-1 CLAUSE B.1.5, ASTM D2172, AASHTO T164A

The rotary evaporator is used for the recovery of soluble bitumen from bituminous pavement materials in a form suitable for further testing. The properties of the asphalt in the mixture are not changed during operation.

FEATURES

- Glass components are all 3.3 borosilicate glass, with excellent physical and chemical performance.
- Adopt PID temperature control with high precision.
- High-efficiency double reflux condenser, large condensation area, high recovery rate.
- PTFE+fluororubber double sealing ring ensures the sealing of the system.
- The bath is separated from the main unit for flexible configuration.
- The bath is equipped with a protective cover to prevent liquid splashing and improve evaporation efficiency. (R-3001 only)



R-3001



Chiller



Vacuum pump

TECHNICAL SPECIFICATIONS

Model	R-1001VN	R-3001
Speed range	20~180	10~280
Speed regulation	Stepless speed regulation	
Bath temperature control range (°C)	Room temperature +5 ~ 95, accuracy ±1.5	
Maximum evaporation capacity (water)(L/h)	0.9	1.38
Rotary flask tilt angle	15°~45°	
Condensing area (m ²)	About 0.126	
Rotary flask	Volume (mL)	500/1000
	Opening diameter (mm)	24/40 standard frosted mouth
Recovery flask	Volume (mL)	1000
	Opening diameter (mm)	S35 Ball milling mouth
Bath size	Φ254mm×130mm	
Bath cover	Optional	Standard
IP Grade	IP 20	
Power supply	110V ~, 60Hz or 220-240V ~, 50/60Hz	
Rotary motor power (W)	25	40
Heating power (W)	1050	1300
Total power (W)	1080	1390
Dimensions (mm)	640W×400D×670(920)H	620W×400D×700(850)H
Minimum installation space (mm)	740W×500D×970H	720W×500D×900H
Weight (kg)	13	13.5

SINCE 2006

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