



ROVA901 – Laboratory Rotary Evaporator

 Max. temp.
180°C

Download
Catalogue



t° LIMITER



Temperature range RT+5°C to 180°C

High temperature uniformity,



Intelligent PID Temperature Control

Digital microprocessor PID controller with integrated auto diagnostic system and error indicator



Speed range from 20-280rpm



Condenser (cooling surface 1,700 cm²)

Excellent cooling effect



Motorized

Motorized lift with quick-action, automatic release evaporating flask to top position in case of power failure

- Easy to read large digital LCD screen displays heating temperature, rotation speed and timing
- High borosilicate glass and PTFE high temperature resistance and corrosion resistance
- Digital display of both rotation speed and heating temperature allows for optimal control of all distillation processes
- 5L heating bath with wide temperature range from room temperature to 180°C. Water/Oil heating mode can be changed only through a switch.
- Overheating protection temperature at 220°C
- Speed range from 20 to 200 rpm
- Heating bath with precise temperature control and adjustable safety circuit
- Condenser (cooling surface 1,500 cm²) with excellent cooling effect
- Motorized lift with quick-action, automatic release evaporating flask to top position in case of power failure
- Adjustable final position recognition to protect operator and sample against breakage
- Evaporating flask with an ejector, convenient to remove
- Available with timer function to precise control processing
- Chemical-resistant double PTFE system and patented pressure spring provide excellent sealing

Evaporator type	ROVA901
Price	
Speed range (rpm)	0-200rpm
Display	LCD, Speed, Temperature, Time
Heating Temperature Range	Room temp. To 90°C (water bath to 180°C)
Temperature Control Accuracy	water: ±1°C oil: ±3°C
Over Heating Bath Protection	Yes at 220°C
Stroke Displacement	automatic 120mm
Condenser	Vertical Coiled 1500cm ² - Φ85mmx430H (mm)
Timer	Yes
Timer Setting Range	1-999min
Evaporation capacity	20ml/min (bath temperature 70°C, raw material ethanol)
Dimension [D*W*H]	465x467x583mm
Weight	15kg
Permissible Ambient Temperature	5-40°C
Vacuum	Vacuum -0.098 MPa
Permissible Relative Humidity (max)	80%RH
Protection Class	IP20
Temperature control mode	Smart temperature control
Sensor type	Pt100
Motorized Lift	Yes
Motor Type	Brushless DC motor
Voltage/Frequency	220V 50/60Hz
Power	1500W
Outer dimension mm	660*420*830
Package dimension	630*560*540 - 0.19m ³
Standard Configuration	vertical coiled condenser, 5L bath, 1000ml evaporating flask NS 24/40 and 1000ml receiving flask KS 35/20, 220V, 50/60Hz, euro plug
Optional Configuration	Rotary Flask, Collecting Flask, Vacuum pump, Recirculation chillier, vacuum controller, transparent bath cover



Vacuum pump optional



ROVA900 Schematic Configuration with optional devices

Please note
 If this Vacuum Evaporator does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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