

Laboratory Rotary Evaporator R502B (5 Litre)

OVERVIEW/Description

SENCO Rotary Evaporators are developed by sticking to the basics, keeping in mind safety of the user and focusing on giving desired results. They enable to achieve desired results affordably and are backed by trustworthy service. The Lab Scale Rotary Evaporator is simple yet accurate, basic yet precise, up to the mark on performance and friendly on budget.

These Rotary Evaporators are used for a variety of applications including:

- Concentration
- Drying
- Refining
- Separation
- Crystallization

Features/Benefits

Biggest condensing surface: Top in class; massive 2900cm² condensing surface area for fast receiving.



PTFE Sleeve: PTFE Sleeve inside taper joint helps to prevent dead seizure and increase sealing performance.



Big Evaporating Flask: Can accommodate 5L evaporating flask on bench top rotary Evaporator



Discharge valve: Receiving flask with discharge valve for easy removal of distilled product.



Heating Bath Lift: Prevents movement of glassware which is safe and easy to operate. Bath equipped with intelligent temp. controller. Heating temperature up to 99°C for water bath and 180°C for oil bath. Temperature wave within 2°C or 0.2°C.

Reflux function: Have option of reflux and perform your reflux reactions with ease.



TECHNICAL SPECIFICATIONS

Parameters

Model	R206B	R502B
Evaporating Flask (L)	2L /29	5L/F50
Receiving Flask (L)	1L/S35	3L/40, bottom discharge
Condensing Surface (cm ²)	1500	2900
Rotation (rpm)	4-200	2-90
Evaporating Speed	1.2L/h	2L/h

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Reachable Vacuum	< 133Pa (1.33mbar, 1Torr)	< 133Pa (1.33mbar, 1Torr)
Bath Power (KW)	1.4	2
Static Temp. Control Range & Wave (°C)	RT – 99 ± 0.2	RT – 99 ± 0.2
Bath Size	∅24x15	∅28x17
Bath Capacity (L)	6	10
Bath Material	SUS304	SUS304
Voltage, Frequency	220V, 50/60Hz	220V, 50/60Hz
Dimensions (cm)	62x32x82H	84x36x110H

Functional Configurations

Rotary Seal Assembly	PTFE	PTFE
Taper Joint Sleeve	PTFE	PTFE
Continuous Charge	✓	✓
Discharge Valve	Nil	✓
Speed Control	Frequency Conversion	Frequency Conversion
Digital Display	Bath temp., Rotation Speed	Bath temp., Rotation Speed
Vacuum Meter	✓	✓
Bath Lift	Manual	Manual