

Model RE-2 /2A



Model RE-5A



# Rotary Evaporator

## Model RE-2 (1L Rotary Evaporator / Manual Lift)

ADITYA rotary evaporators forms the ideal basis for efficient evaporation in your laboratory. They are suitable for standard distillation, for complex distilling processes as well as for automatic distillation. Aspects such as safety, convenience and cost savings have been considerably taken into account during the development of the evaporators. This is reflected in various unique product advantages. Among others all evaporators are equipped with a separate ON/OFF switch for the heating function. It is also provided with easy lift, a simple touch operation to lift flask. With the rotary evaporators you can as well compose your individual modular concept, consisting of rotary evaporator, vacuum controller, vacuum pump and chiller. Distill your solvents reliably with the Aditya evaporator. Aditya offers an intelligent solution to process your solvent evaporation easy and safely. Our vacuum distillation system makes evaporating easy for you and allows you to concentrate on your research.

### Performance features

- Comes with an integrated Combo-Clip
- Equipped with an LED rotation speed setting
- Comes with an electronic speed control rotation drive
- Has a flexible bath position
- Equipped with a vapor tube that can be easily removed for cleaning
- Comes with a safety protection switch to avoid overheating
- Manual lift type
- Sealing Ring (Vacuum Seal): Graphite filled PTFE
- Ceramic coated heating bath
- Equipped with a secondary protection cut off switch



# PRODUCT DATASHEET

## Model RE-2A (1L Rotary Evaporator / Auto Lift)

ADITYA rotary evaporators forms the ideal basis for efficient evaporation in your laboratory. They are suitable for standard distillation, for complex distilling processes as well as for automatic distillation. Aspects such as safety, convenience and cost savings have been considerably taken into account during the development of the evaporators. This is reflected in various unique product advantages. Among others all evaporators are equipped with a separate ON/OFF switch for the heating function. It is also provided with easy lift, a simple touch operation to lift flask. With the rotary evaporators you can as well compose your individual modular concept, consisting of rotary evaporator, vacuum controller, vacuum pump and chiller. Distill your solvents reliably with the Aditya evaporator. Aditya offers an intelligent solution to process your solvent evaporation easy and safely. Our vacuum distillation system makes evaporating easy for you and allows you to concentrate on your research.

### Performance features

- Comes with an integrated Combo-Clip
- Equipped with an LED rotation speed setting
- Comes with an electronic speed control rotation drive
- Has a flexible bath position
- Equipped with a vapor tube that can be easily removed for cleaning
- Comes with a safety protection switch to avoid overheating
- Automatic lift type
- Sealing Ring (Vacuum Seal): Graphite filled PTFE
- Ceramic coated heating bath
- Equipped with a secondary protection cut off switch



## PRODUCT DATASHEET

### Model RE-5A (5L Rotary Evaporator / Auto Lift)

ADITYA rotary evaporators forms the ideal basis for efficient evaporation in your laboratory. They are suitable for standard distillation, for complex distilling processes as well as for automatic distillation. Aspects such as safety, convenience and cost savings have been considerably taken into account during the development of the evaporators. This is reflected in various unique product advantages. Among others all evaporators are equipped with a separate ON/OFF switch for the heating function. It is also provided with easy lift, a simple touch operation to lift flask. With the rotary evaporators you can as well compose your individual modular concept, consisting of rotary evaporator, vacuum controller, vacuum pump and chiller. Distill your solvents reliably with the Aditya evaporator. Aditya offers an intelligent solution to process your solvent evaporation easy and safely. Our vacuum distillation system makes evaporating easy for you and allows you to concentrate on your research.

#### Performance features

- Comes with an integrated Combo-Clip
- Equipped with an LED rotation speed setting
- Comes with an electronic speed control rotation drive
- Has a flexible bath position
- Equipped with a vapor tube that can be easily removed for cleaning
- Comes with a safety protection switch to avoid overheating
- Automatic lift type
- Sealing Ring (Vacuum Seal): Graphite filled PTFE
- SS316 heating bath
- Equipped with a secondary protection cut off switch



# PRODUCT DATASHEET

## Technical Specifications

Description	RE 2	RE 2A	RE 5A
Lift Type	Manual	Automatic	Automatic
Condenser Type	Vertical/Horizontal	Vertical/Horizontal	Vertical
Cooling Surface Area	1500 cm <sup>2</sup>	1500 cm <sup>2</sup>	2000 cm <sup>2</sup>
Rotation Speed (RPM)	20-320	20-320	20-320
Vapour Tube	Single piece with Sleeve for Easy Removal	Single piece with Sleeve for Easy Removal	Single piece with Sleeve for Easy Removal
Integrated Combi-Clip	Yes	Yes	Yes
Suitable flask size (ml)	50-5000 ml	50-5000 ml	5000 ml
Rotation speed setting	LED Display	LED Display	LED Display
Motor Power (W)	60	60	60
Heating Capacity (W)	1300	1300	1300
Total Power (W)	1360	1360	1360
Temperature Range (°C)	20 – 210	20 – 210	20 – 210
Temperature Accuracy (°C)	1	1	1
Overheat Protection	Safety cutoff over +5 (°C)	Safety cutoff over +5 (°C)	Safety cutoff over +5 (°C)
Temperature Setting	Digital LED	Digital LED	Digital LED
Temperature Control	Electronic PID Control	Electronic PID Control	Electronic PID Control
Secondary Protection Cut off	250°C	250°C	250°C
Material Heating Bath	Ceramic Coated	Ceramic Coated	SS316L
Volume Heating bath (L)	4.5L - Dia 255mm Suitable 50- 5000ml	4.5L - Dia 255mm Suitable 50- 5000ml	5L Rectangular
Bath Position	Flexible to extend, to suit flask size	Flexible to extend, to suit flask size	Flexible to extend, to suit flask size
Sealing ring	Graphite filled PTFE	Graphite filled PTFE	Graphite filled PTFE
Power Supply	230 VAC, 50Hz	230 VAC, 50Hz	230 VAC, 50Hz

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