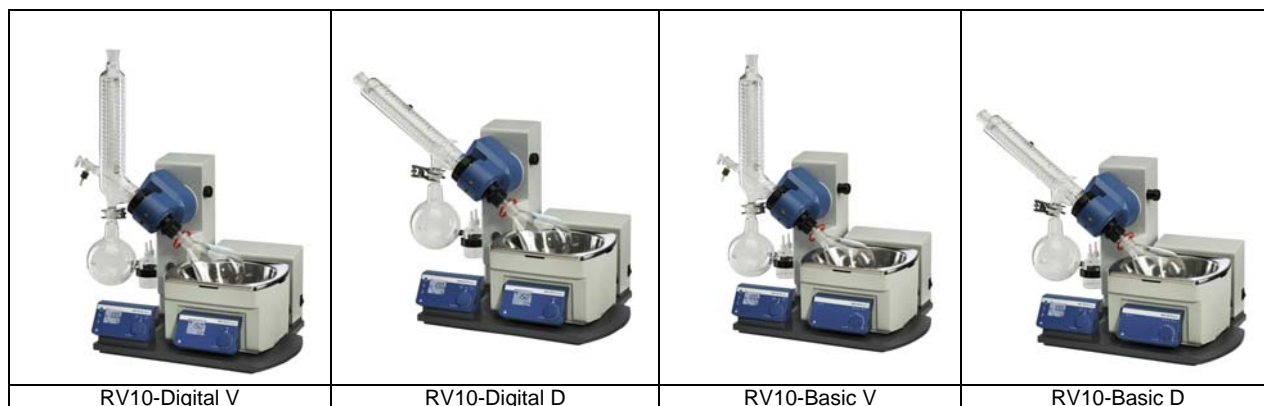


Rose Scientific, Inc

Rotary Evaporators

Distinguished German manufacturer of the world famous RET and RCT Hot-Plate Stirrer adds newest generation of rotary evaporators with exceptional features and attractive prices. Two models now ready for immediate delivery.



RV10-Basic is equipped with features similar to advanced models from other manufacturers. It has a Motorized Lift System and Digital Control of the motor for Speed, Time function and Programmable for start/stop and Reverse Rotation. It is also complimented with a Woufff Bottle Holder and Woufff Bottle. The Heating Bath (HB10) goes up to 180°C with no digital display, but fine and precise analog control for accurate temperature setting.

RV10-Digital is a true advanced model with all the features of the basic model but the Heating Bath (HB10-Digital) has Digital Display and is Digitally Controlled. It also features RFID technology and has RS-232 for computer interface.

Programmable to function in timed mode, could be set to reverse speed direction at timed intervals for better drying and making powder, lifts the evaporation flask from the bath at the end of timed run and beeps to indicate task is completed. Easy set mechanical parameters for height and degree of tilt in case of diagonal condenser are facilitated by indicator marks on the housing of the motor.

Technical Specifications:

Heating Bath: HB-10 HB-10 Digital	Ambient +5 to 180°C – Analog Setting for RV10-Basic Digital Setting for RV10-Digital	Analog Control Digital – Microprocessor Controller
Heating Bath Capacity:	3 Liters Flask	
Heating Bath Power:	1300 Watts	
Setting Accuracy / Deviation	1°C (Accuracy) / ± 1°C (Deviation)	
Drive Motor: All Models	Brushless DC Drive, Digital Controls and Display 50 Watts 20-270 rpm 0° to 40° Head Angle Adjustment 140 mm Motorized Stroke Displacement	Smooth Start Programmable for Timed Operation, Reversed Rotation, Start/Stop Basic Operation and Advanced Operation 60 mm Setting of Lower End Stop
Lift System:	Motorized In case of power failure it automatically lifts up	In timed operation the motor lifts up for retrieval of evaporation flask and beeps to alert that task is completed.
Condensers:	Vertical (V), Diagonal (D) Vertical Coated (VC), Diagonal Coated (DC)	1,200 cm ² Cooling Surface 1,200 cm ² Cooling Surface
Weight: Without Condensers:	20 Kg	
Dimensions: Without Condenser:	500 x 410 x 430 (W x H x D) mm	
Certification:	CSA, DIN, EN, IP-21 Class	
Standard Equipment:	Bath, Motor, Lift System, 1 Liter Evaporation Flask, Vapor Tube, Receiving Flask, Operator's Manual Glassware is standard or plastic coated and joints are 24/40 standard North American.	

Cat. No.	Description:	USD Prices
8023901	RV10 Basic V Complete with Vertical Condenser in Standard Glassware	4116.00
8024001	RV10 Basic D Complete with Diagonal Condenser in Standard Glassware	4116.00
8024101	RV10 Digital V Complete with Vertical Condenser in Standard Glassware	4971.00
8024201	RV10 Digital D Complete with Diagonal Condenser in Standard Glassware	4971.00
8024501	RV10 Basic V-C Complete with Vertical Condenser in Coated Glassware	4223.00
8024601	RV10 Basic D-C Complete with Diagonal Condenser in Coated Glassware	4223.00
8024701	RV10 Digital V-C Complete with Vertical Condenser in Coated Glassware	5078.00
8024801	RV10 Digital D-C Complete with Diagonal Condenser in Coated Glassware	5078.00

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Optional Accessories:

				
3655300	3755400	3755300	3755500	44032401

Cat. No.	Models	Description	Price, USD
3655300	RV 10.900	NS 24/40, Set of Glassware, Vertical	1,148.00
3755400	RV 10.910	NS 24/40, Set of Glassware Vertical, Coated	1,530.70
3755300	RV 10.1000	NS 24/40, Set of Glassware, Diagonal	958.90
3755500	RV 10.1010	NS 24/40, Set of Glassware, Diagonal, Coated	1,126.75
3829400	RV 10.73	NS 24/40 Steam Duct (Vapor Tube)	POR
3845300	RV 10.2007	NS 24/40 Evaporation Flask 50 ml	POR
3845400	RV 10.2008	NS 24/40 Evaporation Flask 100 ml	POR
3845500	RV 10.2009	NS 24/40 Evaporation Flask 250 ml	POR
3845600	RV 10.2010	NS 24/40 Evaporation Flask 500 ml	POR
3845700	RV 10.2011	NS 24/40 Evaporation Flask 1000 ml	POR
3845800	RV 10.2012	NS 24/40 Evaporation Flask 2000 ml	POR
3845900	RV 10.2013	NS 24/40 Evaporation Flask 3000 ml	POR
3847200	RV 10.2017	NS 24/40 Powder Flask 500 ml	POR
3847300	RV 10.2018	NS 24/40 Powder Flask 1000 ml	POR
3847400	RV 10.2019	NS 24/40 Powder Flask 2000 ml	POR
3848200	RV 10.2022	NS 24/40 Evaporation Cylinder 500 ml	POR
3848300	RV 10.2023	NS 24/40 Evaporation Cylinder 1500 ml	POR
3848700	RV 10.2025	NS 24/40 Foam Brake	POR
3849300	RV 10.2029	NS 24/40 Distilling Spider with 6 Distilling sleeves	POR
3849400	RV 10.2030	NS 24/40 Distillations with 12 Flasks	POR
3849500	RV 10.2031	NS 24/40 Distilling Spider with 20 Distilling sleeves	POR
3849800	RV 10.2034	NS 24/40 Distilling Spider with 5 Flasks (50 ml)	POR
3849900	RV 10.2035	NS 24/40 Distilling Spider with 5 Flasks (100 ml)	POR

Anti-Foaming, Foam Break, Anti-Splash, Bump Trap (24/40 Joints)

4403-2401	100 mL, 24/40 Joint	77.15	4403-1401	100 mL, 14/20 Joint	77.15
4403-2402	250 mL, 24/40 Joint	79.10	4403-1402	250 mL, 14/20 Joint	79.10
4403-2405	500 mL, 24/40 Joint	82.00	4403-1405	500 mL, 14/20 Joint	82.00

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