



Committed to Product Excellence and Continuous Support an SP Industries Company

Wilmad-LabGlass Equipment



IKA RV10 Rotary Evaporator

● Precision Distilling Solution at Affordable Prices

1172 NW Boulevard, Vineland, NJ 08360, USA
Tel: 800-220-5171 Fax: 800-220-1081
www.wilmad-labglass.com

10 Year warranty*

* Glassware and wearing parts excluded



Basic vertical model

Model No.

LG-17700-100

RV10 Basic V

The RV 10 basic rotary evaporator with integrated HB 10 heating bath is the basic version of IKA®'s new distillation system. The RV 10 basic is available with either diagonal or vertical glassware, and as either a coated or an uncoated model.

- Analogue heating bath with adjustable safety circuit, "stand alone" operation is possible, pivoting safety hood as an accessory
- Safe and simple operation by means of ergonomically shaped control unit in the front
- Motorized lift (stroke 140 mm) with "safety stop" function, if the power cuts out the evaporator flask is automatically lifted out of the heating bath
- Adjustable end position recognition to protect the glass from breaking
- Speed range from 20 to 270 rpm
- Smooth start from 100 rpm
- Digital speed display
- Moves right and left in interval operation for the drying process
- Timer function for time lapse control
- Heats up quickly because of optimized bath volume
- Push-off mechanism to loosen tightly fitting flasks

Accessories: H 11 Main cable Euro plug, H 11 Main cable CH plug, H 11 Main cable UK plug, RV 10.1 Glassware vertical, HB 10.2 Protective cover, HB 10.1 Shield, H 11 Main cable USA plug

Technical Data

Type of cooling	vertical
Cooling surface [cm ²]	1200
Motor principle	DC
Speed range [1/min]	20 - 270
Lift	Motor
Stroke [mm]	140
Heating temperature range [°C]	room temp. - 180
Heat output [W]	1300
Heat control accuracy [±K]	5
Bath volume max. [l]	3
Vacuum controller integrated	no
Dimensions (W x H x D) [mm]	500 x 430 x 540
Weight [kg]	20
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 240 / 100 - 120
Frequency [Hz]	50/60
Power input [W]	1400

Model No.

LG-17700-102

RV10 Digital V

IKA®'s RV 10 digital combines the performance, reliability and versatility of the RV 10 basic with the precision of an accurate digital temperature control. The perfectly coordinated data transfer between the heating bath and the drive unit as well as the option of remote operation from a PC ensure results that can be reproduced any time.

Properties as RV 10 basic, with the following additional functions:

- Digital water/oil heating bath with integrated carrying handles
- Temperature control of the heating bath by a micro controller
- Digital temperature display
- Infrared interface for data transfer from the heating bath to the drive unit
- RS232 interface for PC remote operation with labworldsoft®
- Automatic operation with labworldsoft®

Accessories: H 11 Main cable Euro plug, H 11 Main cable CH plug, H 11 Main cable UK plug, RV 10.2 Glassware diagonal, H 11 Main cable USA plug, HB 10.2 Protective cover, HB 10.1 Shield, labworldsoft®

Technical Data

Type of cooling	vertical
Cooling surface [cm ²]	1200
Motor principle	DC
Speed range [1/min]	20 - 270
Lift	Motor
Stroke [mm]	140
Heating temperature range [°C]	room temp. - 180
Heat output [W]	1300
Heat control accuracy [±K]	1
Bath volume max. [l]	3
Vacuum controller integrated	no
Dimensions (W x H x D) [mm]	500 x 430 x 540
Weight [kg]	20
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	yes
Voltage [V]	120
Frequency [Hz]	50/60
Power input [W]	1400

Model Number	Description	Price
LG-17700-100	Basic V Rotary Evaporator, Vertical Glassware (uncoated)	\$2499
LG-17700-102	Digital V Rotary Evaporator, Vertical Glassware (uncoated)	\$3495

Other glass assembly options, including plastic coating, diagonal (figure on bottom left) configuration and dry ice trap configuration (figure on bottom right), are available upon request.



Digital diagonal model



Digital dry ice trap model

We manufacture replacement glassware for IKA RV10.



an SP Industries Company

Committed to Product Excellence and Continuous Support

SP Service

VirTis

Hull

Wilma | LabGlass

Genevac

FTS

Hotpack

SP Industries Corporate Headquarters:

935 Mearns Road Warminster, PA 18974 USA Tel: 800.523.2327 215.672.7800 Fax: 215.672.7807 www.SPindustries.com