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TECHNOLOGY GROUP

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Find the *IKA RV 10* at our website: ***Click HERE***

Data Sheet

Distilling / Rotary Evaporators



RV 10 digital V

The newly developed product line from IKA® in ergonomic, compact design with innovative functions to improve operating results. Rotary evaporators with integrated heating bath HB 10 digital inc. space saving vertical glassware (1 litre).

- Heating bath with adjustable safety circuit, "stand alone" operation possible, pivoting safety hood as accessory
- Safe and simple operation through ergonomically shaped operator unit in the front area
- Motorised lift (stroke 140 mm) with "safety stop" function, if the power cuts out the evaporator piston 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 controls
- Water-oil heating bath with integrated carry handles with safe handling
- Heats up quickly because of optimised bath volumes
- Cooling surface 1,200 cm²
- Push-off mechanism to loosen tightly fitting pistons
- Digital water - oil heating bath with integrated carry 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
- RS 232 interface for PC remote operation with labworldsoft
- Automatic operation with labworldsoft

Technical Data	
Type of cooling	vertical
Cooling surface [cm2]	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]	4
Bath volume max. [l]	4
Vacuum controller integrated	no
Dimensions (W x H x D) [mm]	500 x 430 x 410
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]	100 - 240
Frequency [Hz]	50/60
Power input [W]	1400
Ident. No.	**8022500**

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Subject to technical changes

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