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RV 10 digital with Dry Ice Condenser

/// Data Sheet

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 (4 litre) incl. dry ice condenser.

- 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
- Motorized 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

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- 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 optimized 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
- Suitable for DIN EN 12697-3 (Asphalt test for hot asphalt)

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Technical Data

Type of cooling	vertical
Cooling surface [cm2]	620
Motor principle	DC
Speed range [rpm]	5 - 280
Reversible direction of rotation	yes
Lift	Motor
Stroke [mm]	140
Heating temperature range [°C]	room temp. - 180
Heat output [W]	1300
Set temperature resolution [±K]	1
Filling volume max. [l]	3
Timer	yes
Dimensions (W x H x D) [mm]	500 x 430 x 440
Weight [kg]	20
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	yes
Voltage [V]	220 - 240 / 115 / 100 - 240 / 100 - 120 / 100 - 115
Frequency [Hz]	50/60
Power input [W]	1400