



## RV 3 with Dry Ice Condenser

### /// Data Sheet

The rotary evaporator RV 3 is the manual basic model in the family of IKA Rotation Evaporators. It finds a multitude of uses in the chemical, pharmaceutical, and biotechnology industries, in research and development, in manufacturing and quality assurance, in laboratories, and in plant construction. Digital displays for speed and heating bath temperature enable optimum control of all distillation processes.

- heating bath with 4 l volume and a heating temperature range of RT to 99 °C
- integrated safety lift-out function in case of power failure
- water/oil heating bath with carrying handles



designed for scientists

- locking button for fixing heating bath temperature
- locking mechanism: red indicator shows unlocked position of the vapor tube
- flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks
- manual lift for precise positioning of the glassware
- adjustable immersion angle
- single-handed manual lift handling, suitable for left and right-handed operators
- speed range: 5 - 300 min<sup>-1</sup>
- low device voltage (24V) ensures user safety
- compatible with the entire range of IKA RV 10 glassware



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### Technical Data

Type of cooling	Dry ice condenser
Cooling surface [cm <sup>2</sup> ]	620
Motor principle	DC
Speed range [rpm]	20 - 300
Speed tolerance set rotation speed lt; 100rpm [rpm]	±1
Speed tolerance set rotation speed gt; 100rpm [%]	±1
Lift	manual
Stroke [mm]	150
Heating temperature range [°C]	room temp. - 99
Dimensions (W x H x D) [mm]	440 x 530 x 330
Weight [kg]	28.3
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input [W]	1400