RV 10 digital FLEX

/// Data Sheet

The RV 10 digital represents the continual enhancement of the IKA RV 10 rotary evaporator line. The unit comes with an universal heating bath, state-of-the-art safety features and digital connectivity. The RV 10 digital is a robust and reliable lab companion. Its optimized bath volume allows for fast heat-up times. That's why the RV 10 basic delivers reliable and reproducible process results that are usually reserved for more costly systems. Additional features such as smooth start, left-right interval or timer function capability support the user in their daily lab work. Another important aspect of the RV 10 digital are the sophisticated safety features. The motorized lift has an automated lift-out function in case of power outage to prevent superheating of the solvent. Safety temperature circuits can be set individually. Dry-run protection, adjustable lower end stop and lock function of bath setting complete the line of safety features. Furthermore, IKA offers

a choice of coated glassware for increased safety needs. The RS 232 interface allows for remote control via IKAs "labworldsoft". The Heating bath is controlled via the IR interface from the main unit.

- 4 liter heating bath
- Universal water/oil heating bath
- Motorized lift with "safety-stop" function
- RS 232 and IR Interface
- Optimized heating bath volume for fast heat-up
- Ergonomically placed handles on heating bath
- Smooth start
- Left-right interval
- Timer function
- Dry-run protection
- Safety temperature circuits
- Lower-end stop
- Choice of coated or uncoated glassware
- Push-off mechanism to loosen tight fitted glassware
- Easy and safe operation due to ergonomical design of the user interface

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Technical Data

Type of cooling	without condenser
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]	1350
Set temperature resolution [K]	±1
Filling volume max. [l]	4
Timer	yes
Dimensions (W x H x D) [mm]	500 x 430 x 440
Weight [kg]	18.5
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
Frequency [Hz]	50/60
Power input [W]	1400