

# RV 10 basic and RV 10 digital

05 The basic and digital system



## RV 10 basic

The RV 10 basic rotary evaporator with integrated HB 10 heating bath is the base system of IKA®'s new rotary evaporator line. The RV 10 basic is available with vertical glassware, either coated or uncoated.

- Analog 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 280 rpm
- Smooth start from 100 rpm
- Digital speed display
- Rotates clockwise and counterclockwise in interval operation for the drying process
- Timer function for time lapse control
- Water/oil heating bath with integrated carrying handles for safe handling
- Heats up quickly because of optimised bath volumes
- Push-off mechanism to loosen tightly fitting flasks
- Suitable for DIN EN 12697-3 (Asphalt test for hot asphalt)
- 5 year warranty after registration

RV 10 basic		
Model	Description	Ident. No.
RV 10 basic V	with heating bath HB 10 basic and vertical glassware RV 10.1	8022300
RV 10 basic V-C	with heating bath HB 10 basic and vertical glassware, coated RV 10.10	8022900

## RV 10 digital

IKA®'s RV 10 digital is a combination of performance, reliability and versatility and offers users the precision of an accurate digitally controlled heating bath. 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.

Same properties as RV 10 basic, with the following additional functions:

- Digital water/oil heating bath with integrated carrying handles, "stand alone" operation is possible
- 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®
- Timer function shuts off heating bath at completion of timer sequence
- 5 year warranty after registration

RV 10 digital		
Model	Description	Ident. No.
RV 10 digital V	with heating bath HB 10 digital and vertical glassware RV 10.1	8022500
RV 10 digital V-C	with heating bath HB 10 digital and vertical glassware, coated RV 10.10	8023100
RV 10 digital FLEX	with heating bath HB 10 digital, incl. Woulff bottle	8031500