

# Mixing, Heating and Shaking

## Stirrer, magnetic, universal, safety control, RCT basic IKAMAG®

- A hotplate stirrer with an adjustable safety circuit for heating plate temperature 50 to 380°C
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Worldwide best seller
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D6
- Top class safety with improved heating control technology
- Enclosed assembly (IP 42) guarantees long service life
- Highly polished Silumin heating plate for optimum heat transfer
- Incl. protection cover H 99

Product no	Description
13921/15	RCT basic

### Accessories and spares

13921/16	ETS-D6 thermometer
13921/17	1.5l bath attachment, 140mm inner dia. x 125mm, for tempering 0.5 and 1l flasks
13921/18	1l bath attachment, 140mm inner dia. x 70mm, suitable as a sand bath (max. temp. 350°C)
13921/19	Stand
13921/20	Oil bath attachment
13921/21	Oil bath attachment



### Technical specifications

Heat output	600W
Heating rate (1l H <sub>2</sub> O in H 15)	6k/min
Temperature range	50 to 310°C
Setting accuracy	±10k
Adjustable safety circuit	50 to 360°C
Connection for temperature in medium	ETS-D 6
Control accuracy with sensor	±1k
Heating plate material	Silumin
Dimensions (w x d x h)	165 x 275 x 85mm
Mass	2.5kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%
Protection class acc. to DIN EN 60529	IP 42
Diameter	135mm

## Stirrer, magnetic, universal, safety control, RET basic IKAMAG®

- Extremely fast heating times
  - Very broad temperature range (RT to 340°C)
  - Adjustable safety circuit (50 to 380°C)
  - Electronic speed control
  - Speed range from 0 to 1,500rpm
  - Bushing according to DIN 12878 for the use of contact thermometers
  - Incl. protection cover H 99
- Improved magnetic stirrer with sophisticated heating and stirring technologies. The RET basic has a stainless steel surface and the RET basic C has a chemically resistant white coated surface.

Product no	Description
13921/25	RET basic safety control
13921/26	RET basic C safety control

### Accessories and spares

13921/27	ETS-D6 thermometer
13921/28	Sand



### Technical specifications

Stirring quantity (H <sub>2</sub> O), L	20
Motor rating input/output	12/5W
Speed display	scale
Speed range	0 to 1,500rpm
Max. magnetic bar (l x d)	80 x 10mm
Heat output	600W
Heating rate (1l H <sub>2</sub> O)	7k/min
Temperature range	RT to 340°C
Setting accuracy	±10k
Adjustable safety circuit	50 to 380°C
Connection for temperature in medium	ETS-D6
Control accuracy with sensor	±1k
Heating plate diameter	135mm
Dimensions (w x d x h)	160 x 280 x 97mm
Mass	2.4kg
Permissible ambient temperature	5-40°C
Permissible relative humidity	80%
Protection class acc. to DIN EN 60529	IP 42