

# INTEGRATED SAFETY

Safety first hand with the RCT basic from IKA®

## Precise temperature control

The set temperature is reached quickly and held stable.

## Adjustable safety circuit - conforms to standards

The flashpoint of the medium will not be overshoot. Prevents accidental changes of the safety temperature.

## Self-monitoring of all safety relevant components

Guarantees safety in the event of a malfunction.

## Digital Display

Enables comparison of set and actual temperatures as well as stirring speed. Monitoring of set values is also possible from a distance due to the good readability of the display.

## Two independent control circuits

The set temperature values are held constant in the event of a malfunction of one control circuit.

IKA® Magnetic Stirrers adhere to the requirements set forth by the norms **DIN EN IEC 61010-1**, **DIN EN IEC 61010-2-010**, **DIN EN IEC 61010-2-051** - tested and certified by **UL International** (see certification number) - as well as **DIN EN IEC 61326-1**. The IKA® RCT basic fulfills, in all areas, the required safety regulations for laboratory equipment. Of course all of our products conform to **CE certification**.

# RCT basic *safety control* IKAMAG®



The improvement of the bestseller: Now with new technology for more capacity.

- Stronger motor for a higher range of speeds
- Integrated temperature control
- Exact temperature and speed setting via digital display, even when switched off
- Hot Top indicator >> hot surface warning to prevent burns!
- With adjustable safety circuit of heating plate temperature (50 - 360 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- Enclosed assembly (IP 42) guarantees long service life

## RCT basic *safety control* IKAMAG® PACKAGE



List price  
~~£ 915,50~~

Package price

**£ 597,00**

Technical data	
Stirring quantity (H <sub>2</sub> O)	20 l
Motor rating input	16 W
Motor rating output	9 W
Speed display	digital
Speed range	50 – 1.500 min <sup>-1</sup>
Max. magnetic bar (L x Ø)	80 x 10 mm
Heating function	
Heat output	600 W
Heating rate (1   H <sub>2</sub> O)	6,5 K/min
Temperature range	RT – 310 °C
Setting accuracy	± 1 K
Adjustable safety circuit	50 – 360 °C
Control accuracy with sensor	PT 1000 / ± 1 K ETS-D5 / ± 0,5 K
Material	aluminum alloy
Dimensions	Ø 135 mm
General data	
Dimensions (W x D x H)	160 x 270 x 85 mm
Weight	2,5 kg
Permissible ambient temperature	5 – 40 °C
Permissible relative humidity	80 %
Protection class acc. to DIN EN 60529	IP 42
<b>Ident. No.</b>	<b>STI3500</b>
<b>List price:</b>	<b>£ 915,50</b>