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 overshot. Prevents accidental changes of the safety temperature.

Precise temperature control
The set temperature is reached quickly and held stable.

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 IEC EN 61010-1, DIN IEC EN 61010-2-010, DIN EN IEC 61010-2-051 - tested and certified by UL International (see certification number) - as well as DIN IEC EN 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.

Designed for scientists
Safety first hand with the RCT basic from IKA®

> 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

**Technical data**

- **RCT basic**
  - Max. stirring quantity (H2O): 20 l
  - Motor rating input / output: 16 / 9 W
  - Speed range: 50 – 1500 rpm
  - Heat output: 600 W
  - Temperature range: RT – 310 °C
  - Adjustable safety circuit:
    - PT 1000: ± 1 K
    - ETS-D5: ± 0.5 K
    - ETS-D6: ± 0.2 K
  - Heating plate material: aluminum alloy
  - Heating plate dimensions: Ø 135 mm
  - Dimensions (W x D x H): 160 x 270 x 85 mm
  - Weight: 2.5 kg
  - Price: $ 890

* PT 1000-60 included in delivery.

For more product information, please visit [www.ika.com](http://www.ika.com)