

Integrated safety RCT basic



Adjustable safety circuit - conforms to standards

The flashpoint of the medium will not be overshoot. 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

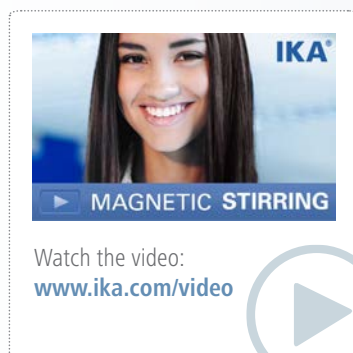
The set temperature values are held constant in the event of a malfunction of one control circuit.

IKA® Magnetic Stirrers adhere to the requirements set forth by the norms **DIN IEC EN 61010-1**, **DIN IEC EN 61010-2-010**, **DIN IEC EN 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**.

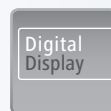


designed
for scientists

RCT basic



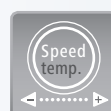
Hot Top indicator
to prevent burns



Digital display for precise
monitoring of speed and
temperature



**Integrated temperature
sensor** for precise
temperature control



Rotating Knob for
adjusting the speed
and the temperature



DIN EN IEC 61010-1
DIN EN IEC 61010-2-010
DIN EN IEC 61010-2-051
DIN EN IEC 61326-1



Technical data

Technical data	RCT basic
Max. stirring quantity (H ₂ O)	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	50 – 360 °C
Control accuracy with sensor	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

Ident. No. 3810001*

* PT 1000.60 included in delivery.

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

For more product information,
please visit www.ika.com

IKA® German technology
made in the USA

IKA®-Works, Inc.
2635 Northchase Pkwy SE · Wilmington
NC 28405-7419 · USA
Telefon: +1 800-733-3037 · +1 910 452-7059
Fax: +1 910 452-7693 · eMail: sales@ika.net



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