

IKA

designed for scientists



IKA Plate  
(RCT digital)

Ident. No. 0025004601



TECHNICAL DATA

/// IKA Plate (RCT digital), Ident. No. 0025004601

|                                                                    |                                  |
|--------------------------------------------------------------------|----------------------------------|
| Number of stirring positions                                       | 1                                |
| Stirring quantity max.<br>per stirring position (H <sub>2</sub> O) | 20 l                             |
| Motor rating output                                                | 9 W                              |
| Heating output                                                     | 600 W                            |
| Direction of rotation                                              | clockwise /<br>counter-clockwise |
| Display                                                            | LCD                              |
| Speed control                                                      | Turning knob                     |
| Speed range                                                        | 0/50 – 1500 rpm                  |
| Temperature setting range                                          | 0 – 310 °C                       |

|                                    |                            |
|------------------------------------|----------------------------|
| Adjustable safety circuit          | +50 °C to<br>+370 °C (± K) |
| Set-up plate material              | Aluminium                  |
| Set-up plate dimensions            | ø 135 mm                   |
| Dimensions (W × H × D)             | 160 × 85 × 270 mm          |
| Weight                             | 2.4 kg                     |
| Permissible ambient<br>temperature | +5 to +40 °C               |
| Permissible relative humidity      | 80 %                       |
| Interface                          | USB and RS232              |

The ultimate stirring plate built for  
real chemists to last forever. Guaranteed.

The all new IKA Plate (RCT digital).



# IKA Plate (RCT digital)

/// The all new magnetic stirrer

The IKA Plate (RCT digital) is the all new magnetic stirrer made by IKA, recommended by world-renowned scientists: Phil S. Baran and Jin-Quan Yu.

Alnico magnet technology for excellent temperature stability and high  
**RESIDUAL INDUCTION**

Industry  
**LEADING**  
time saving thermal abilities

Ultimate stirring plate with  
**AUTO-CORRECT**  
and maximum vortex

Hardened glass enclosed, fast response display for maximum visibility and  
**CHEMICAL RESISTANCE**

IKA SmartTemp® – keep reactions and chemists  
**SAFE**

Integrated timer / counter for the control of kinetics  
**SENSITIVE REACTIONS**  
and reminders

A stirplate that  
**IMPROVES OVER TIME**  
with firmware updates via USB

*In a stroke of brilliant engineering prowess, IKA has changed the game in what is the chemist's most essential piece of lab equipment.*

**PHIL S. BARAN**  
Professor of Chemistry,  
Scripps Research Institute

*From the hardened glass enclosure to the embedded Alnico magnet, IKA has created a stirring plate with no peer: it's in a class of its own.*

**JIN-QUAN YU**  
Professor of Chemistry,  
Scripps Research Institute

The first magnetic stirrer with a lifetime warranty:

