

# IKA

designed for scientists

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COMPACT YET POWERFUL | CENTRIFUGES

The IKA mini G is a mini centrifuge ideal for applications which do not require ultra high speeds e.g. micro-filtrations and cell separation. The unit features a compact design and a small footprint which requires minimal bench space. A transparent cover allows for constant observation and it can be used for both microcentrifuge and PCR strip tubes.



**mini G**  
Ident. No. 0003958000

2+1 years  
warranty\*



\*2+1 years after registering at  
[www.ika.com/register](http://www.ika.com/register),  
wearing parts excluded

## FEATURES

- › Fixed speed of 6000 rpm
- › Digital timer adjustable from 1 to 99 min
- › Fast startup of speed
- › Compact design and quiet operation
- › Rotor exchangeable without tools
- › Easy operation with touch keypad

## SPECIAL SAFETY FEATURES

- › The centrifuge will run only when the lid is closed
- › The lid can be opened easily at the push of a button
- › Integrated quick stop
- › Protection class acc. to DIN EN 60529: IP 30
- › Rotor and adapters can be autoclaved (121 °C, 2 bar)

## SCOPE OF DELIVERY

- › IKA mini G centrifuge
- › Rotor for 8 × 1.5 / 2 ml vessels
- › Rotor for 4 × 8 × 0.2 ml PCR strips
- › Adapters for 0.5 ml vessels (8 pcs.)
- › Adapter set for 0.4 ml vessels (8 pcs.)
- › Adapter set for 0.2 ml vessels (8 pcs.)



## FEATURES

- › Fitted with a metal cover
- › Does not start until firmly closed
- › Intuitive navigation through a membrane keypad allows an easy setting of speed, timer or programs
- › Rotational speed of up to 15 700 rpm
- › Intergrated unbalance sensor
- › Display RPM or RCF
- › All rotors, rotor lids and adapters can be autoclaved (121°C, 2 bar)

## SCOPE OF DELIVERY

- › IKA G-L centrifuge
- › Metal rotor set 12 × 1.5 / 2 ml
- › Screwdriver for opening the lid in case of emergency
- › USB cable



The clearest display in its class

Separating substances at medium rotational speeds: IKA G-L is the ideal midi centrifuge for all types of separation processes such as those found in molecular biology. It can be used with standard 1.5 / 2 ml vessels, as well as with PCR strips. The cover opens automatically at the press of a button.

## IKA G-L

Ident. No. 0030000774





#### TECHNICAL DATA

|                          |                |                  |
|--------------------------|----------------|------------------|
| Capacity                 | 8 × 1.5/2.0 ml | 12 × 1.5/2.0 ml  |
| Speed                    | 6000 rpm       | 800 – 15 700 rpm |
| Speed deviation          | 5 %            | 2.5 %            |
| Centrifugal acceleration | 2000 G         | 16 500 G         |
| Timer                    | Yes            | Yes              |
| Timer display            | 7 Segment LED  | 7 Segment LED    |
| Unbalance sensor         | No             | Yes              |
| Quick stop               | Yes            | Yes              |
| Cover opening            | Automatic      | Automatic        |
| Rotor exchange           | Without tool   | Without tool     |
| Protective cover         | Yes            | Yes              |
| Interface                | –              | USB              |

#### GENERAL DATA

|                                            |                    |                    |
|--------------------------------------------|--------------------|--------------------|
| Weight                                     | 1.4 kg             | 3.9 kg             |
| Dimensions (W × H × D)                     | 155 × 105 × 175 mm | 200 × 140 × 280 mm |
| Permissible ambient temperature            | 5 – 40 °C          | 5 – 40 °C          |
| Permissible relative humidity              | 80 %               | 80 %               |
| Protection class according to DIN EN 60529 | IP 20              | IP 20              |
| Voltage                                    | 220 – 230 V        | 220 – 230 V        |
| Frequency                                  | 50/60 Hz           | 50/60 Hz           |
| Motor rating input                         | 12 W               | 65 W               |
| Power input                                | 12 W               | 92 W               |

## FAQ | mini G

### Does IKA offer a rotor for PCR strip tubes?

Yes, a rotor for four strips 8 x 0.2 ml is included with the mini G.

### What is the maximum kinetic energy for the mini G?

The maximum kinetic energy is 20 Nm.

### What happens when the lid of the centrifuge is opened?

The centrifuge stops immediately.

### What tool is needed to change the rotor?

The rotor can be changed without any tool.

### Is a timer included in the mini G?

Yes, the timer can be adjusted from 1 – 99 min.

### What is the centrifugal acceleration for the mini G?

The centrifugal acceleration for the mini G is 2000 G.

### Does the mini G possess a digital display?

Yes, the mini G has an integrated 7 segment LED timer.

### Is it possible to change the speed?

No, the speed is fixed at 6000 rpm.

## FAQ | G-L

### Does the IKA G-L have a digital display?

Yes, there are three displays. It is possible to see the rpm/rcf value on one display, the timer/counter setting on another display and the selected program on the third display.

### Is it possible to change the speed?

Yes, the speed is variable in steps of 100 rpm/rcf.

### What tool is needed to change the rotor?

The rotor can be changed without any tool.

### In the case of a power failure, will the lid of the G-L open automatically?

No, when there is a power failure, the lid will remain closed to protect the samples. However, an emergency opening is located at the bottom.



## Accessories

### for IKA G-L



**IKA G-L, PCR Set**  
Capacity: 2 × PCR strips,  
8 × 0.2 ml tubes.

Ident. No. 0030001345



**Adapter 0.4 ml tube**  
Adapters for 0.4 ml tubes (6 pcs.)  
The capacity of G-L centrifuge is  
12 × 1.5/2.0 ml

Ident. No. 0030001334



**Adapter 0.5 ml tube**  
Adapters for 0.5 ml tubes (6 pcs.)  
The capacity of G-L centrifuge is  
12 × 1.5/2.0 ml

Ident. No. 0030001347



**Adapter PCR tube**  
Adapters for 0.2 ml PCR tubes (6 pcs.)  
The capacity of G-L centrifuge is  
12 × 1.5/2.0 ml

Ident. No. 0030001346

### for IKA mini G



**mini G, Rotor 4 × HPLC**  
Rotor for 4 × HPLC vials.  
Ident. No. 0020022341

#### LABORATORY SOFTWARE



labworldsoft® is a laboratory software to control lab devices, automate processes, and to document your measurements and results. The software provides access to a huge library of different laboratory devices. labworldsoft® does not integrate only IKA laboratory devices, but supports several other devices from different manufacturers as well. You stay flexible in the choice of your lab devices you want to use and profit from the whole device range of the laboratory world.

**labworldsoft® 6 Starter**  
Ident. No. 0020019397

**labworldsoft® 6 Pro**  
Ident. No. 0020017366

**labworldsoft® 6 Advanced**  
Ident. No. 0020105873