



designed for scientists



IKA Centrifuge Combo Solution

/// Data Sheet

The IKA Centrifuge Combo Solution includes a mini and a midi centrifuge. It will help you to cover all typical applications required low speed and high speed, like:

- › E.coli testing in food and cosmetics
- › Exogenous DNA residues testing in medicine / injections
- › DNA separation for paternity testing and individual identification
- › DNA identification for soil and textiles
- › RNA/Protein separation



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› Micro-filtrations and cell separation

IKA G-L features:

Realize the ideal centrifuge with 115 years' experience:

- › Powerful motor: Perfect separation with 16,500 g max. RCF and 15,700 rpm max. speed
- › Safe use: The safest one, with imbalance sensor to avoid risk of damage by incorrect operation
- › Broad scope of delivery: Compatible with 0.2 – 2 ml tubes, 12 positions
- › User-friendly operation:
Easy operation with 9 pro-grams, timer and interchangeable RCF / RPM display

IKA mini G features:

- › Fixed speed of 6,000 rpm
- › Digital timer adjustable from 1 to 99 minutes
- › Compact & quiet
- › Complete set-up: 2 rotors for 8x 1.5/2ml tubes and 4x 8 PCR strips, adaptors for 0.2/0.4/0.5ml tubes are in the scope of delivery

Scope of delivery

- IKA G-L
- G-L 2 ml rotor set
- USB A-B Cable
- IKA mini G
- Rotor for 8 x 1.5/2 ml vessels
- Rotor for 4 x 8 x 0.2 ml PCR strips
- 8 adapters for 0.5 ml vessels
- Adapter set for 0.4 ml vessels (8 pcs.)
- Adapter set for 0.2 ml vessels (8 pcs.)



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Technical Data

Capacity	12 x 1.5/2.0 ml
Permitted density [kg/dm ³]	1.2
RCF (relative centrifugal force) max. [G]	16500
Kinetic energy max. [Nm]	940
Motor rating input [W]	65
Speed range [rpm]	800 - 15700
Speed deviation [%]	2.5
Setting accuracy speed [rpm]	±100
Timer	yes
Timer display	7 segment LED
Unbalance sensor	yes
Quick stop	yes
Cover opening	automatic
Rotor exchange	without tool
Protective cover	yes
Noise level [dB(A)]	55
Shortest start-up time to max. speed [s]	17
Shortest breaking time from max. speed [s]	18
Display changeable rpm <-> rcf	yes
Dimensions (W x H x D) [mm]	200 x 140 x 280
Weight [kg]	3.9
Permissible ambient temperature [°C]	+5 - +40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
USB interface	USB-B
Voltage [V]	220 - 230
Frequency [Hz]	50/60
Power input [W]	92
Power input standby [W]	3