





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.

Safe use

The centrifuge is fitted with a metal cover and does not start until it is firmly closed.

State-of-the-art display



## designed for scientists

The completely intuitive navigation is carried out through a membrane keypad. This allows an easy setting of speed, rotational speed or programmes.

Powerful motor With a rotational speed of up to 15,700 rpm, the centrifuge is fitted with a high-performance motor.

Broad scope of delivery Metal rotor and cover for 12 vessels, with a capacity of 1.5/2 ml, are already included in the scope of delivery.



## **Technical Data**

| Pemitted density [kg/dm3]1.2Centrifugal acceleration [G]16500Kinetic energy max. [Nm]940Motor rating input [M]65Speed range [rpm]800 - 15700Speed deviation [%]2.5Setting accuracy speed [rpm]±100TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopyesCover openingautomaticRotor exchangeyesProtective coveryesNoise level [dB]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [rmm]200 x 140 x 280Weight [kg]80Permissible relative humidity [%]80Protection class according to DIN EN 60529192 0USB interfaceyesVoltage [V]202 200Power input [M]92Power input standby [W]3  | Capacity                                   | 12 x 1.5/2.0 ml |
|---|--|-----------------|
| Kinetic energy max. [Nm] 940   Motor rating input [W] 65   Speed arage [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] 55   Acceleration time to 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 yes   Voltage [V] 220 - 230   Frequency [Hz] 50/60   Power input [W] 92 | Pemitted density [kg/dm3]                  | 1.2             |
| Motor rating input [W]66Speed range [rpm] $800 - 15700$ Speed deviation [%] $2.5$ Setting accuracy speed [rpm] $\pm 100$ TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB] $55$ Acceleration time to max. speed [s] $17$ Breaking time from max. speed [s] $17$ Display changeable rpm <-> rcfyesDisplay changeable rpm <-> rcfyesPermissible arbitent temperature [°C] $+5 + 40$ Permissible relative humidity [%] $80$ Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [M] $220 - 230$ Power input [W] $92$  | Centrifugal acceleration [G]               | 16500           |
| Speed range [rpm]800 - 15700Speed deviation [%]2.5Setting accuracy speed [rpm]±100TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesStating time from max. speed [s]17Dimensions (W x H x D) [rmm]200 x 140 x 280Weight [kg]3.9Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20Voltage [V]7060Power input [W]92  | Kinetic energy max. [Nm]                   | 940             |
| Speed deviation [%]2.5Setting accuracy speed [rpm]±100TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92   | Motor rating input [W]                     | 65              |
| Setting accuracy speed [rpm] $\pm 100$ TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopautomaticCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [rmm]200 x 140 x 280Weight [kg]3.9Permissible anabient temperature [°C] $+5 - +40$ Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [M]220 - 230Frequency [Hz]50/60Power input [W]92   | Speed range [rpm]                          | 800 - 15700     |
| TimeryesTimer display7 segment LEDUnbalance sensoryesQuick stopautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible anbient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Speed deviation [%]                        | 2.5             |
| Timer display7 segment LEDUnbalance sensoryesQuick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible anbient temperature [°C]+5 - +40Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [M]220 - 230Frequency [Hz]50/60Power input [W]92   | Setting accuracy speed [rpm]               | ±100            |
| Unbalance sensoryesQuick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible relative humperature [°C]+5 - +40Permissible relative humpity [%]80Protection class according to DIN EN 60529IP 20Voltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Timer                                      | yes             |
| Quick stopyesCover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]50/60Power input [W]92  | Timer display                              | 7 segment LED   |
| Cover openingautomaticRotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Unbalance sensor                           | yes             |
| Rotor exchangewithout toolProtective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Quick stop                                 | yes             |
| Protective coveryesNoise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Cover opening                              | automatic       |
| Noise level [dB]55Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92   | Rotor exchange                             | without tool    |
| Acceleration time to max. speed [s]17Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92   | Protective cover                           | yes             |
| Breaking time from max. speed [s]18Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Noise level [dB]                           | 55              |
| Display changeable rpm <-> rcfyesDimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92   | Acceleration time to max. speed [s]        | 17              |
| Dimensions (W x H x D) [mm]200 x 140 x 280Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Breaking time from max. speed [s]          | 18              |
| Weight [kg]3.9Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Display changeable rpm <-> rcf             | yes             |
| Permissible ambient temperature [°C]+5 - +40Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Dimensions (W x H x D) [mm]                | 200 x 140 x 280 |
| Permissible relative humidity [%]80Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92  | Weight [kg]                                | 3.9             |
| Protection class according to DIN EN 60529IP 20USB interfaceyesVoltage [V]220 - 230Frequency [Hz]50/60Power input [W]92   | Permissible ambient temperature [°C]       | +5 - +40        |
| USB interface yes   Voltage [V] 220 - 230   Frequency [Hz] 50/60   Power input [W] 92   | Permissible relative humidity [%]          | 80              |
| Voltage [V] 220 - 230   Frequency [Hz] 50/60   Power input [W] 92   | Protection class according to DIN EN 60529 | IP 20           |
| Frequency [Hz] 50/60   Power input [W] 92   | USB interface                              | yes             |
| Power input [W] 92  | Voltage [V]                                | 220 - 230       |
|   | Frequency [Hz]                             | 50/60           |
| Power input standby [W] 3   | Power input [W]                            | 92              |
|   | Power input standby [W]                    | 3               |