

# LABORATORY CENTRIFUGE

## ALS-INS021



## DESCRIPTION

- Powerful centrifugal force of 15100xg and max. speed of 15000rpm ideal for various applications.
- Brushless DC motor drive quickly accelerates the rotor to set speed.
- Quiet working, Low noise  $\leq 56$ dB.

## TECHNICAL SPECIFICATION

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| <b>Model</b>                     | <b>ALS-INS021LC</b>                                             |
| <b>Max. Speed</b>                | 15000rpm (500-15000 rpm), increment:100 rpm                     |
| <b>Max. RCF</b>                  | 15100×g, increment: 100×g                                       |
| <b>Speed Accuracy</b>            | ±20 rpm                                                         |
| <b>Rotor Capacity</b>            | 0.2 mL/0.5 mL/1.5 mL/2 mL×12                                    |
| <b>Run Time</b>                  | 30 sec-99 min/ Continuous                                       |
| <b>Driving Motor</b>             | Brushless DC motor                                              |
| <b>Safety Devices</b>            | Door interlock                                                  |
|                                  | Over-speed detection                                            |
|                                  | Over-temperature detection, Automatic internal diagnosis        |
| <b>Power</b>                     | Single-phase, AC 100 V-240 V                                    |
|                                  | 50 Hz/60 Hz, 3 A ,100 W                                         |
| <b>Noise level</b>               | $\leq 54$ dB                                                    |
| <b>Acceleration/Braking time</b> | 11s /9s                                                         |
| <b>Dimension [D×W×H]</b>         | 255×245×140mm                                                   |
| <b>Weight</b>                    | 6 kg                                                            |
| <b>Advanced features</b>         | Speed/RCF switch, Short-time run function, sound-alert function |