

# NON-COOLING CENTRIFUGE ALS-INS027



## INTRODUCTION

A centrifuge is a device that separates different components of a fluid using centrifugal force. This is accomplished by spinning the fluid at a high speed inside a container, separating fluids of differing densities or liquids from solids. It makes denser substances and particles migrate outward in a radial direction. High Speed Centrifuge comes with a microprocessor-based LED display and offers a speed ranging from 2000 to 20000 RPM.

## KEY FEATURES

- High speed, high-capacity bench top, Laboratory Centrifuge Machine, Microprocessor based.
- Heavy-duty C.R.C. construction finished with powder coating.
- Stainless Steel centrifugal bowl for extra protection and easy cleaning.
- Fitted with a well-balanced brushless motor with an electronic drive.
- Digital timer 0-99 minutes.
- 4 lines 20 characters LCD for set time, run time, set & run rpm, RCF and rotor identification.
- 50 programs can be stored in memory and automatic rotor identification is on display.
- Additional lid lock that does not allow opening lid when the machine is running.
- Dynamic brake (automatic) and imbalance detectors are provided.
- Selection of 3 acceleration + 4 deceleration profiles.
- Programmable Speed Regulator from 2000 to 20000 in intervals of 100 rpm.
- The last test parameter recalls and displays automatically on the LCD Supply completed with the instruction manual, cord & plug to connect.

## TECHNICAL SPECIFICATIONS

<b>MODEL</b>	<b>ALS-INS027NC</b>
<b>Max. Speed</b>	20000 r/min.
<b>Max. RCF</b>	27800 xg
<b>Max. Tube Size</b>	100 ml.
<b>Max. Capacity</b>	400 ml.
<b>Dimension (W x D x H)</b>	400 x 500 x 455 mm.

## ROTORS INFORMATION

<b>CAPACITY</b>	<b>TYPE OF ROTORS</b>	<b>MOC OF ROTORS</b>	<b>SPEED</b>	<b>RCF g'</b>
<b>12x1.5/2ml</b>	Angular	Metallic	20000	27800
<b>24 x 1.5 ml</b>	Angular	Metallic	16000	22240
<b>12 x 15 ml</b>	Angular	Metallic	16000	22240
<b>08 x 25 ml</b>	Angular	Metallic	16000	22240
<b>06 x 50 ml</b>	Angular	Metallic	16000	22240
<b>04 x 100 ml</b>	Angular	Metallic	14500	20155