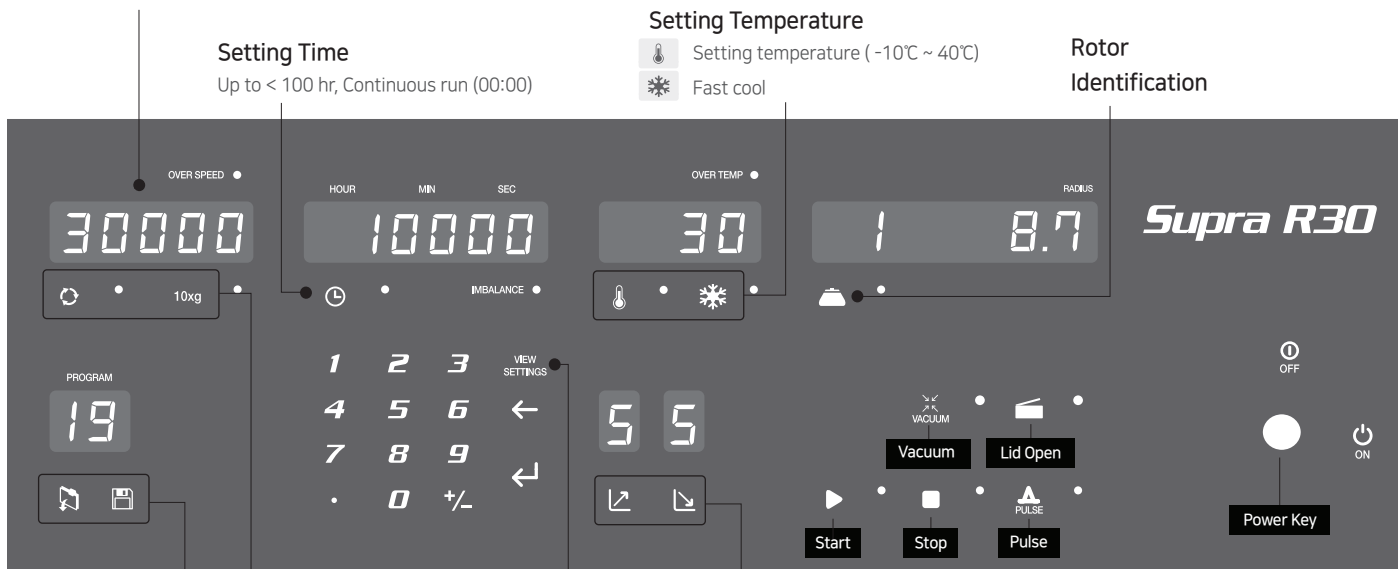


Display & Control Panel

Max. RPM : 30,000 rpm
Max. RCF : 106,657 xg

LED Display

Status of RPM / RCF / Time / Temperature / Rotor ID / Program / ACC / DEC



Program Save / Call

- Saving a program (up to 100)
- Calling up a program

Setting Speed

- Setting RPM
- Setting RCF

View Settings

Verifying the setting parameters during centrifugation

Setting ACC / DEC Rate

- ACC (0 ~ 9 steps, Max.9)
- DEC (0 ~ 9 steps)

Setting Run Parameters (RPM / RCF / Time / Temperature / ACC / DEC)



Press a parameter to be changed

Enter the desired values on the keypad

Press the Enter button

Saving / Calling Up a Program



Press the Save or call button

Enter the desired program number on the keypad

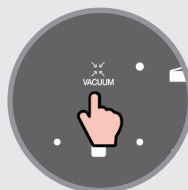
Press the Enter button

Setting Rotor ID



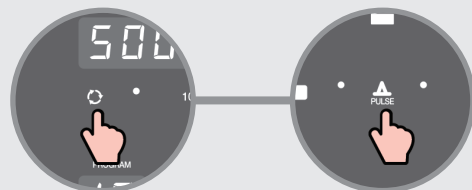
Press the Rotor ID button-Enter the rotor ID using the numeric keypad-Press the Enter button.(Refer to the user manual for rotor id)

Releasing the Vacuum



Release the vacuum by pressing the Vacuum button to open the lid after centrifugation.

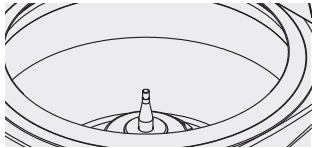
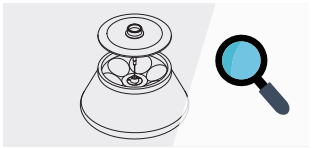

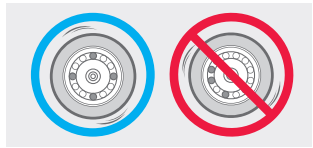
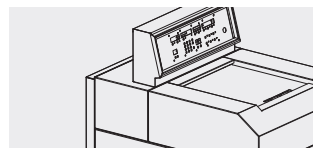
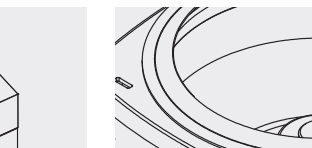

Pulse

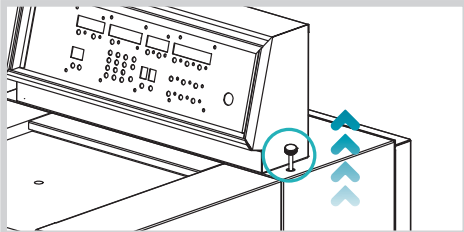
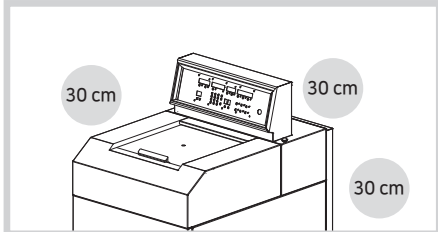
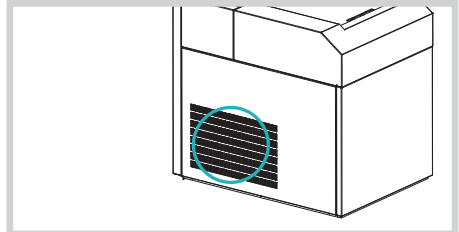


Enter the desired speed (See 'Setting Run Parameters')





Press the Pulse button.

Cautions For Use

Before Operation	 <p>Check the Chamber & Accessories Inspect the rotor chamber, rotor & accessories for foreign objects.</p>	 <p>Check the Accessories for Abnormalities Check the rotor, buckets and tubes are free of scratch and crack before operation.</p>	 <p>Balancing the Centrifuge and Rotor After relocating the device or loading the rotor, balance them by using a leveler. If necessary, level the device by adjusting the 'Leveling foot' on the bottom of the device.</p>	 <p>Load Tubes Symmetrically Load tubes symmetrically into the rotor with identical amount.</p>	
	 <p>Lid Open Release the vacuum by pressing the Vacuum button to open the lid after centrifugation.</p>	 <p>Keep the Chamber Dry Wipe up the moisture in the chamber with a dry cloth after use.</p>	 <p>Cleaning Clean the chamber by wiping with a cloth soaked in mild detergent and dry completely.</p>		

 <p>Emergency Lid Open If the centrifuge lid cannot be opened, lift the emergency tool on the top right of the device. (Before activating emergency open, switch off the device and wait for the rotor to stop.)</p>	 <p>Allow a Safety Clearance of 30 cm Allow a safety clearance of 30 cm around the centrifuge during operation.</p>	 <p>Remove Dust Remove any dust from the ventilation slits on the left side of the device.</p>
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Electrical Safety

 <p>Check the Line Voltage Connect the device to voltage sources, which correspond to the electrical requirements on the label attached to the device.</p>	 <p>Grounded Outlet Check the wall outlet is earth-grounded, surge-protected and can supply enough power.</p>	 <p>Power Connection Connect the power cable to the distribution box, or install the plug and socket that are packed with the device.</p>	 <p>Switch Off the Device Switch off the device after use. Unplug the power plug before cleaning or unused for a long period of time.</p>
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Rotors

A2.0-36	36 x 1.5/2.0 mL / Max. 20k (Rotor ID.14)	A50-8	8 x 50 mL / Max. 30k (Rotor ID.7)
A10-12	12 x 10 mL / Max. 30k (Rotor ID.2)	A85-6	6 x 85 mL / Max. 25k (Rotor ID.9)
A15-12	12x 15 mL / Max. 30k (Rotor ID.4)	A250-6	6 x 250 mL / Max. 10k (Rotor ID.10)
A15c-12	12 x 15 mL conical / Max. 17k (Rotor ID.8)	A500-6	6 x 500 mL / Max. 8k (Rotor ID.11)
A50-6	6 x 50 mL / Max. 30k (Rotor ID.5)	A1000-4	4 x 1,000 mL / Max. 7k (Rotor ID.12)
A50c-6	6 x 50 mL conical / Max. 17k (Rotor ID.6)		