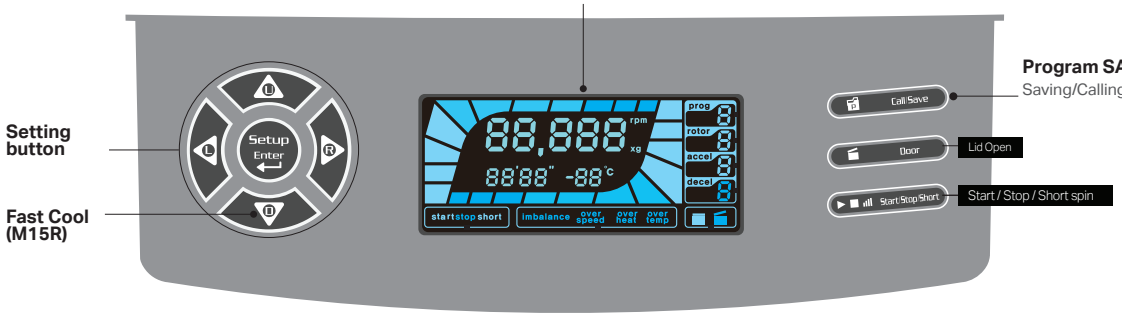
Quick Guide

M15R / M15

Cat. No. : M15R / M15

Display & Control

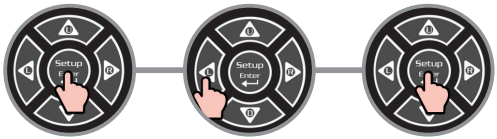


Program SAVE/CALL

Saving/Calling up a program (Up to 10)

	M15R	M15
Max. RPM	15,000 rpm	
Max. RCF	21,583 xg	
Timer	< 100 min, pulse, continuous	
Temperature Range	-10℃ to 40℃	-
ACC / DEC Ramps	9/10	

Setting RPM / RCF, Time, ACC / DEC



Press the Setup / Enter button

Select a parameter to be changed (Press the ◂or▸ button) → Up or down the values (Press the ▴or▾ button)

Press the Enter

Setting mode	RPM setting mode : RPM flashes RCF setting mode : RCF flashes Time setting mode : 00′ 00″ flashes Temperature setting mode : 00℃ flashes ACC/DEC setting mode : Accel / Decel flashes

Program SAVE/CALL

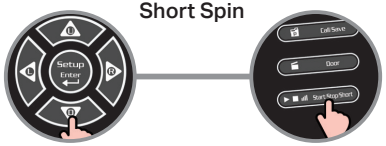
Press the Call/ save button

Select the program number (Press the ▴ or ▾ button)

Press the Enter

SAVE	Select the program number → Press the Enter button → Set the parameters → Press the Setup / Enter button
CALL	Select the program number → Press Setup / Enter button

Short Spin



Set the desired Speed (see 'Setting Run Parameters')

Press the short button more than 2 sec

Fast Cool (M15R)

Set the desired temperature (see 'Setting Run Parameters')

Touch and hold the Fast cool button

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Serial No.

Installation Date.

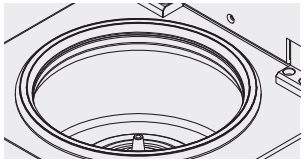
Quick Guide

M15R / M15

Cat. No. : M15R / M15

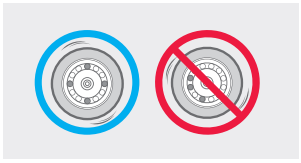
Cautions For Use

Before Operation



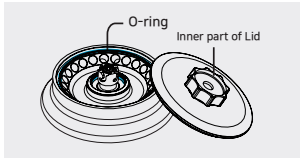
Check the Chamber & Accessories

Inspect the chamber, rotor and accessories for foreign objects.



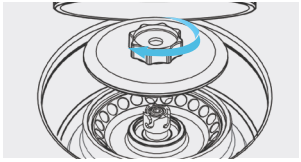
Load Tubes Symmetrically

Load tubes symmetrically into the rotor with identical amount.



Check the Rotor O-rings

Make sure the rotor O-rings are itnh e correct position. If the rotor O-rings aredamaged or missing, it may cause noise and vibration.



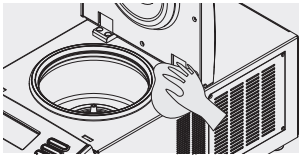
Easy Lock Lid

The rotor lid can be easily closed with a one-step click action.

After Operation

Keep the Chamber Dry

Wipe up the moisture in the chamber with a dry cloth after use. Keep the lid open when not in use.



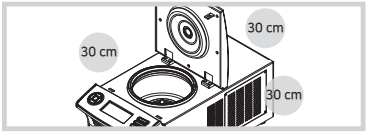
Cleaning

Clean the chamber and rotor by wiping with a cloth soaked in mild detergent and dry completely.

Maintenance

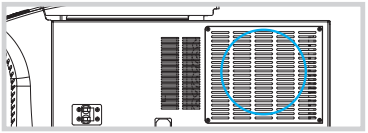
Manual Lid Open

If the centrifuge lid cannot be opened, insert the provided T-wrench into the manual release hole on the left side of the device and turn it clockwise. (Before activating manual open, switch off the device and wait for the rotor to stop.)



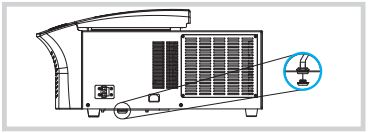
Keep a Safety Clearance

Keep a safety clearance of 30 cm around the centrifuge during operation.



Remove Dust (M15R)

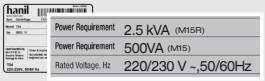
Remove dust from the ventilation on the right side of the machine.



Empty the Condensate (M15R)

Empty the condensate regularly by removing the drain cap on the right side of the device.

Electrical Safety



Check the Line Voltage

Connect the device to voltage sources which correspond tothe electrical requirements onthe label attached to the device.

Grounded Outlet

Check the wall outlet is earth grounded, surge-protected andcan supply enough power.

Switch Off the Device

Switch off the device after use. Unplug the power plug before cleaning or unused for a long period of time.

Rotor

AEB-0.2-32	32 x 0.2 mL / Max. 12.5K (Rotor ID :2)
AEB-2.0-24	24 x 1.5/2.0 mL / Max. 15K (Rotor ID :1)
AEB-5c-10	10 x c5 mL / Max. 15K (ID :3)

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HI-QG-M15R_M15(E)(Rev.0)