
GeneCafe APP

User Guide

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1 Install the app



- Search for "Gene Cafe" or "제네카페" in the Play Store (Android) or App Store (iOS) on your smartphone and install it.

※ Minimum supported OS version

- Available for Android10 and iOS13 and higher OS versions.
- If you're using a device running Android 10 and iOS 13 or earlier, we recommend updating your OS to the latest version before using the app.



- Your smartphone must have location services and Bluetooth enabled for Bluetooth connectivity.
- Before connecting your device, we recommend that you power on the roaster and have it close at hand. Be aware that you may lose your connection if the distance increases.
- Only one smartphone can be connected to the roaster at a time.
- Bluetooth connections can be unstable if there are a lot of electronics or wireless signals around, so try to use it in an environment with as little interference as possible.
- During roasting, periodically check the Bluetooth connection status, and if the connection is unstable, we recommend manually manipulating it.
- Bluetooth can drain your smartphone's battery quickly, so check the battery status periodically.

2 Launch the app

- Click and launch the 'Gene Cafe' app

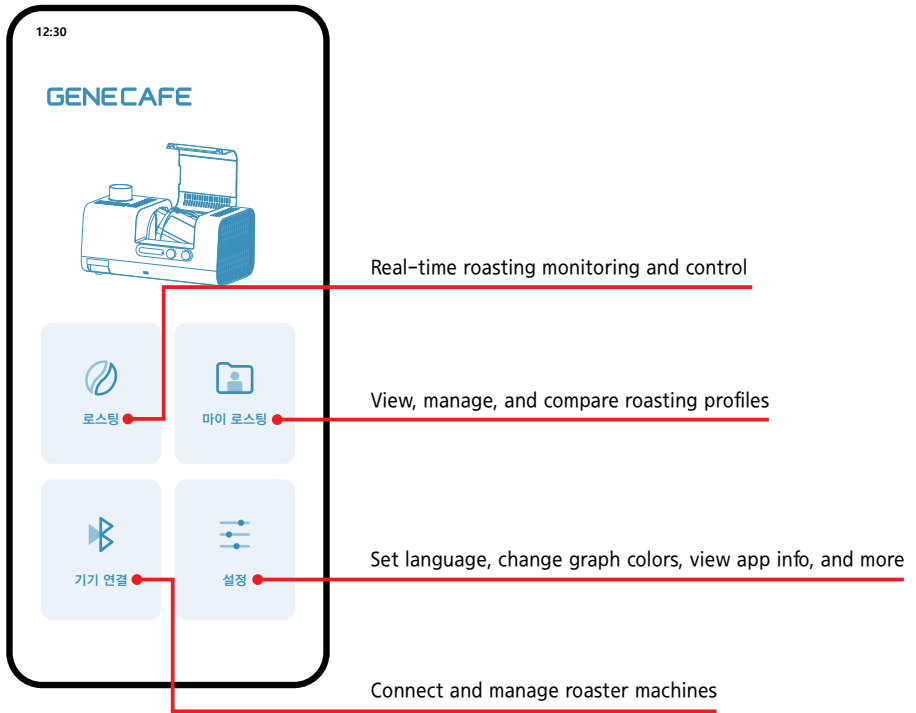


- On the first run, it sets up an authorization request to use the service. Please allow the necessary permissions for Bluetooth connectivity.

※ You must allow all permissions to use the feature smoothly.



3 App main screen



1 Connect device

- ① Click the 'Connect device' menu on the main screen.
- ② The app will search for nearby roasters, and when available roasters appear in the list, select the roaster model you want to connect to.
- ③ Click the 'Connect' button to attempt to connect to the roaster.
- ④ Once the connection is complete, the message 'Connected to device' will be displayed, and the Bluetooth indicator on the device will turn green.
- ⑤ The roasting menu will be activated, allowing you to monitor and control your device in real time



2 Activate the menu after connecting the device

- Once the connection to the roaster is complete, the Device Settings, Device Check, and Device Info menus are enabled.

- ① Device settings
Setting the roaster temperature units and resetting product setpoints
- ② Check the device
Motor/Fan/LED test controls (to verify proper operation of each moving part)
- ③ Device information
Verify device name, MAC address, firmware version, and more

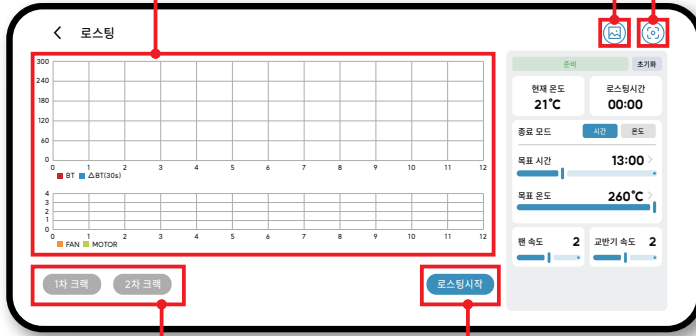


1 Roasting screen components

Click the 'Roasting' menu on the main screen to switch to the roasting screen.
The roasting screen is organized as follows

Real-time graph area
-Top graph: ET & ΔET
-Bottom graph:
Pan and motor speeds

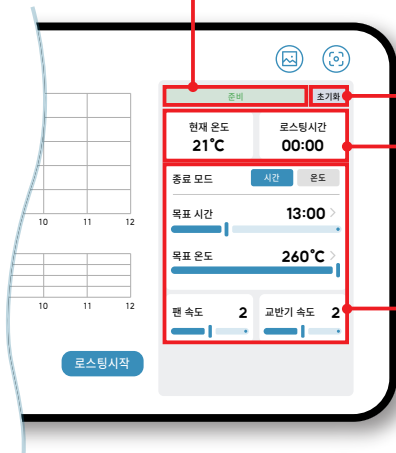
Profile wallpaper setting button ← Screenshot



1st/2nd crack record button ←

Mode switch button ←
Start roasting → Cooling → End → Save

Current mode display area
Sleep (standby), Waiting to start roasting, Roasting, Cooling, Cooling complete, Error



Reset setting button
-Shutdown mode [time]
-Target time [12 minutes]
-Target time [12 minutes]
-Fan speed [level 2]
-Motor speed [level 2]

Current temperature and roasting time display area

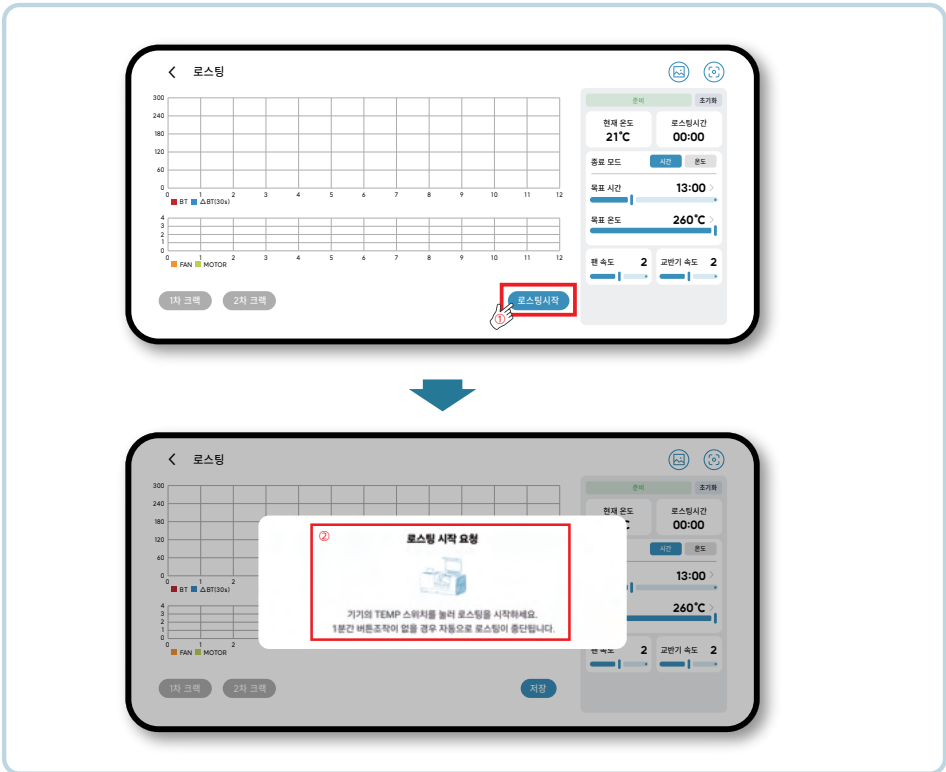
Change settings area
-Shutdown mode [time ↔ temperature]
-Target time [5 minutes to 30 minutes]
-Target temperature [60 degrees to 260 degrees]
-Fan speed [1/2/3 steps]
-Motor speed [steps 1/2/3]

2 Start roasting

- ① Set the target temperature and time
 - Once you've set your target temperature and time in the app, click the 'Start Roasting' button.
 - If you started roasting directly from the roaster, the app will automatically detect and integrate the mode switch.

- ② Wait for the roasting to start
 - The green LED on the roaster will flash, and the words 'PUSH' and 'btn' are displayed alternately.
 - The TEMP switch must be pressed within 1 minute to start roasting, and roasting will stop automatically if no button is pressed for 1 minute.
 - ※ For safety reasons, the TEMP switch must be pressed after the roast has started.

- ③ Proceed with roasting
 - When the TEMP switch is pressed to start roasting, the LED on the roaster will change to yellow.
 - ※ Caution: Don't walk away while roasting.



2 Start roasting

- ④ Monitor real-time data and change settings
 - The roast recording starts, and the roasting data is displayed in a real-time graph.
 - The change settings during roasting area allows you to adjust the shutdown mode, target time and temperature, fan speed, and agitator speed.
 - ※ Note: The default value for fan speed and motor speed is level 2, which can cause the graphs to appear overlapping in some areas.
- ⑤ Record the crack time
 - You can click the 'Crack' button at the bottom to record the time of the 1st/2nd crack.
- ⑥ Overheat detection
 - If overheating is detected during roasting, an overheat detection popup appears.
 - At this point, the fan speed will automatically adjust to level 3, and you won't be able to change the fan speed until the temperature stabilizes.
 - Settings other than the fan speed are changeable and will become adjustable again once the overheat condition is cleared.



3 Cooling

① Switch cooling mode

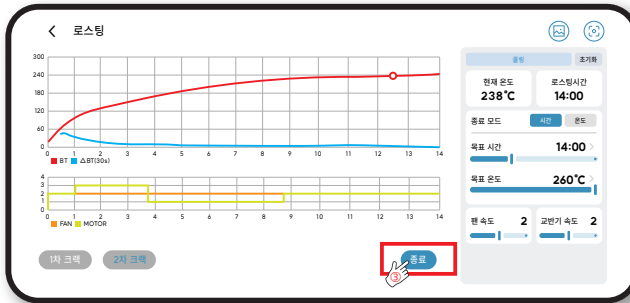
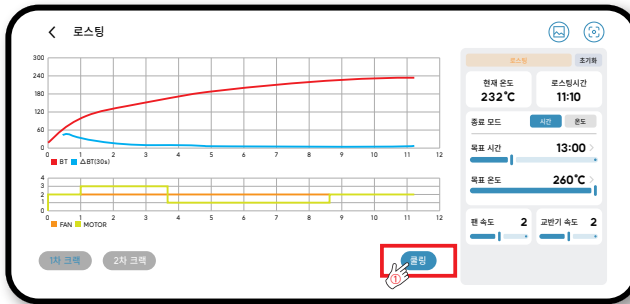
- You can put the roaster into cooling mode by pressing the 'Cooling' button.
- If you switch to cooling mode directly from the roaster, the status is automatically synchronized to the app.

② Cooling motion

- The LED on the roaster will turn blue and start cooling.
- When cooling, the fan speed and agitator speed automatically adjust to level 3, and the speed cannot be changed in cooling mode.

③ End cooling

- Cooling will automatically end when the temperature reaches 60 degrees; click the 'End' button to end it immediately.



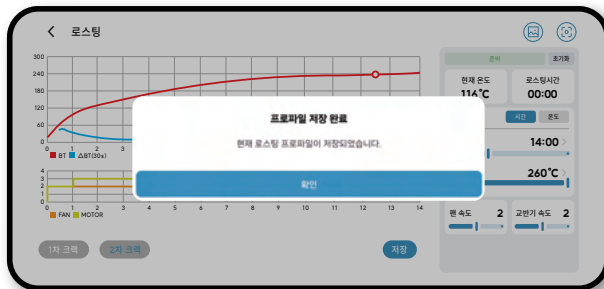
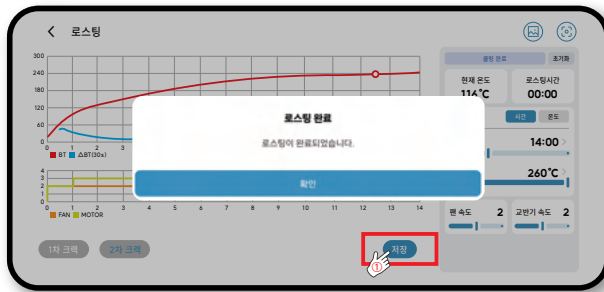
4 Save a profile

① Save a profile

- Once roasting is complete, you can save the roasting profile by pressing the 'Save' button.

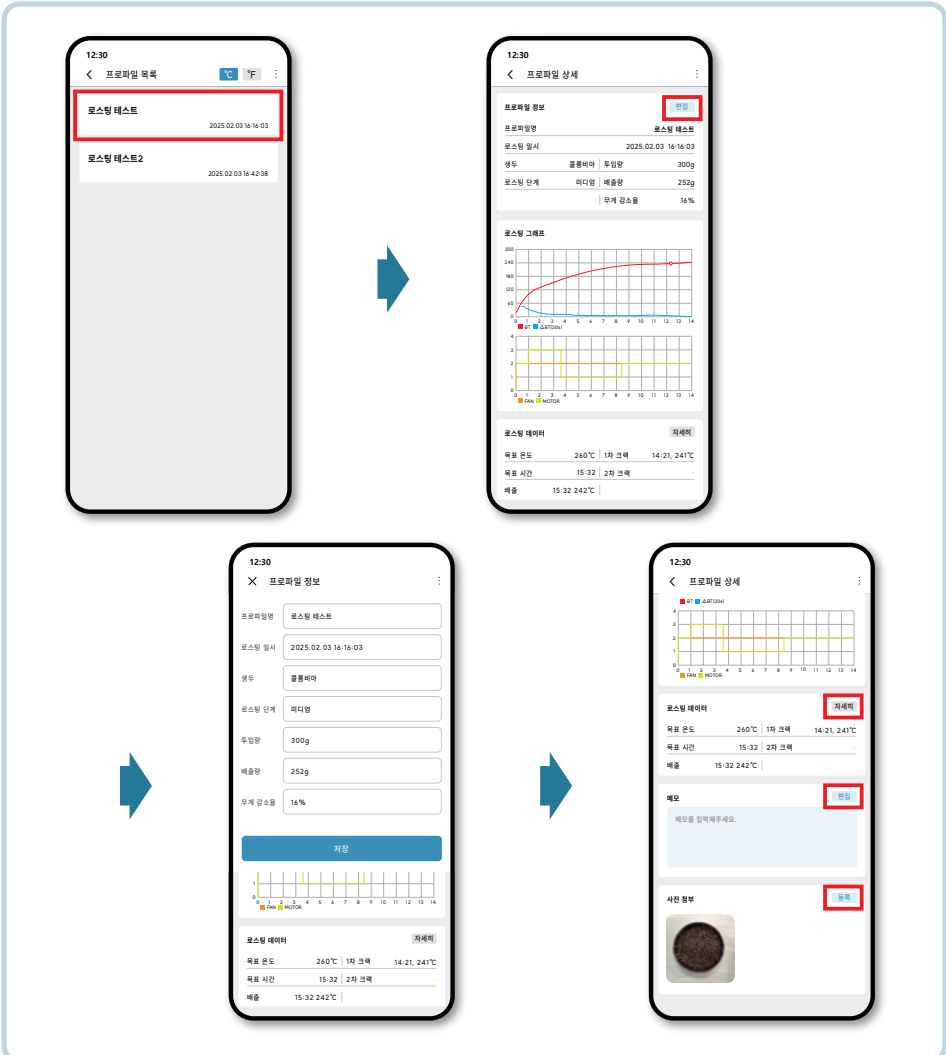
② Enter your profile information

- Enter information such as profile name, green bean information, and dosage, then press the 'OK' button to save.
- Saved profiles can be viewed and modified in the 'My Roasting' menu.



1 View and edit profile details

- Click the 'My Roasting' menu on the main screen to see a list of your saved roasting profiles.
- After you select the desired profile, you can view the profile details.
- Clicking the 'Edit' button will allow you to modify the profile information, and the weight reduction percentage will be calculated automatically when you enter your emissions.
- Click the 'Details' button to see the roasting data in a tabular format.
- You can also write a note or attach a photo.



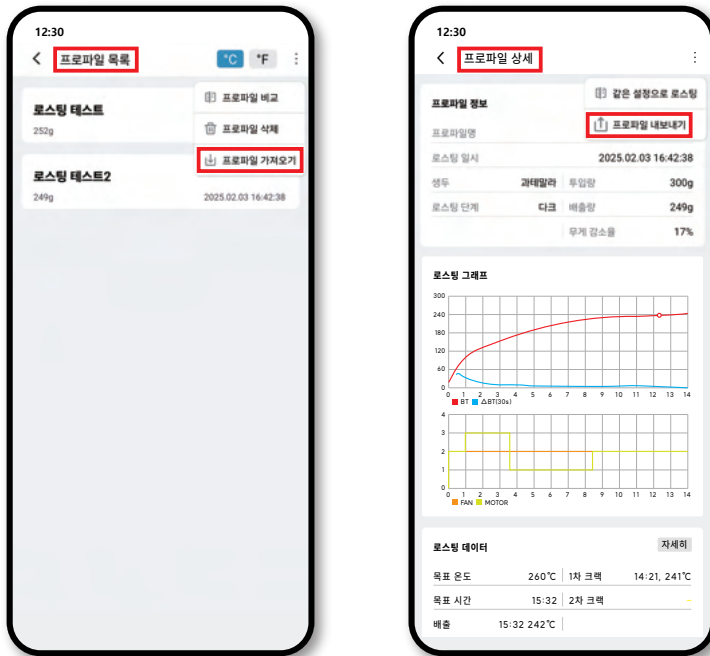
2 Compare profiles

- In the list of profiles, click the right menu button, then select 'Compare profiles.'
- After selecting the two profiles you want to compare, click the 'Compare profiles' button to compare data from the two profiles.

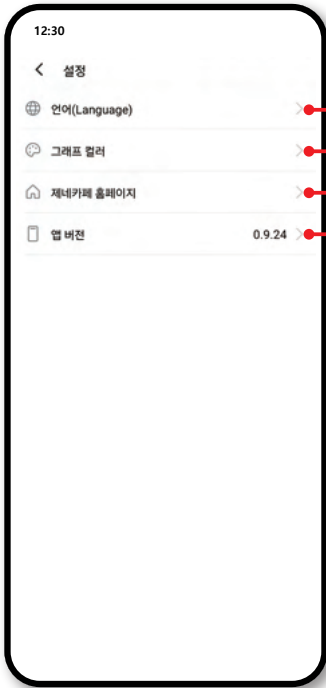


3 Export and import profiles

- The profile export and import feature allows you to share profiles with different users.
- Export profiles: Profile details → Click menu → Export profile
- Import profiles: Profiles list → Click menu → Import profile



1 Settings menu



Menu to set the language of your app

Customize the color of graphs on the roasting screen

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Show version information for currently installed apps