# PLATE WASTE APP

**The amount of plate waste is shown to the restaurant customer and the data is stored in the SmartKitchen web service.**

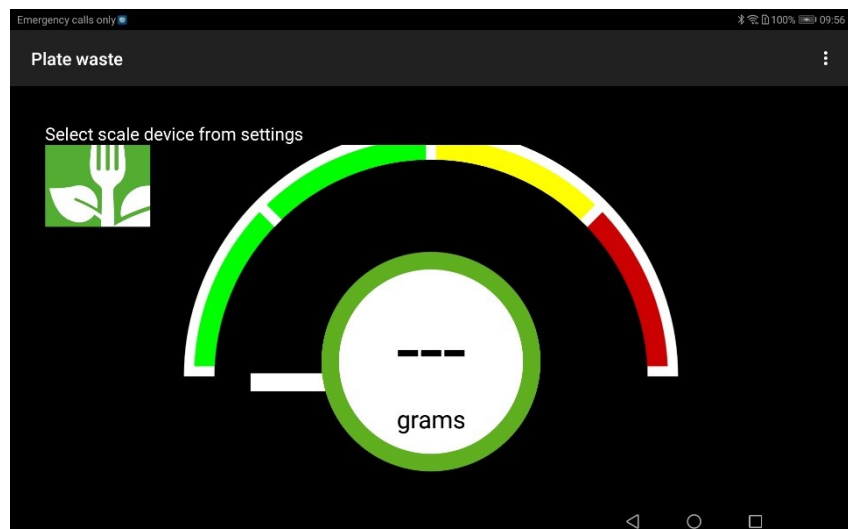## 1    Getting started

### Open the application

Launch the "Plate Waste" app from the icon on the tablet screen.

Log in to the app with your SmartKitchen username and password. Note that you must have a working network connection to sign in. **Allow Plate Waste to access device's location.** The login information remains stored in the app, so it does not require re-login. The app runs in full-screen mode and the menu bar is hidden. To see the menu button, drag your finger down from the top of the screen.
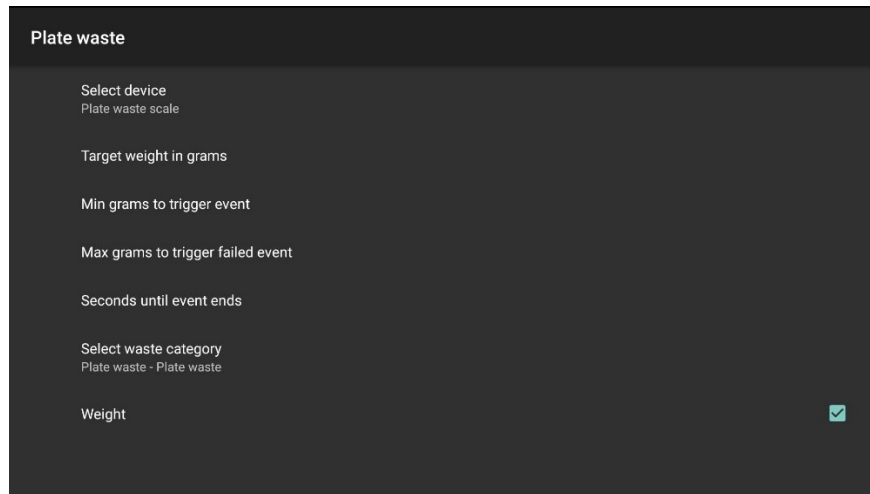
### Select the scale used by the Plate Waste app

Tap on the menu button in the upper right corner and select "Settings". Open "Select device". A list of all the waste scales in the account will be shown. In the list, select the scale that you want to use in the Plate Waste app.
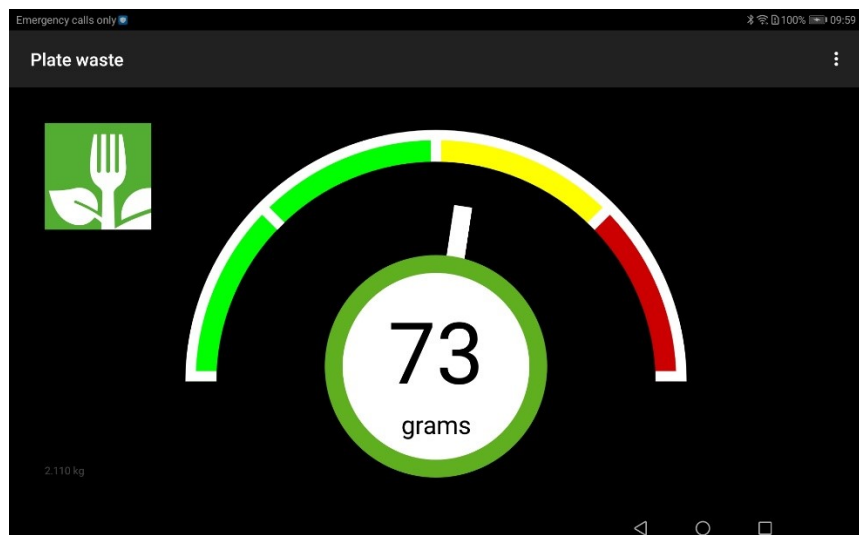
# PLATE WASTE APP

## Other settings

In the menu settings, you can find the following items that the user can set to suit their needs.



## Target weight in grams

The red area on the display meter represents the "undesirable" measurement result. This setting specifies the value from which the red zone begins. This limit can be selected between 20 and 200 g.

In the example, the limit is set at 100 grams.



## Min grams to trigger event

Determine how much new weight must be added to the scale before the meter moves. This value should be more than five (5) grams so that no small vibration is displayed.

## Max grams to trigger failed event

Specify how much weight should appear on the scale, after which the reading will no longer be displayed, but will be replaced by an x. E.g., if a container weighing more than 1 kg is placed on the scale, the weight shall no longer be displayed.

# PLATE WASTE APP

**Seconds until event ends**

How many seconds the display pointer shows the increased weight before it resets. It is a good idea to match this value according to the place of use. The default number of seconds in the app may not correspond to the average speed of the plate waste return at the location.
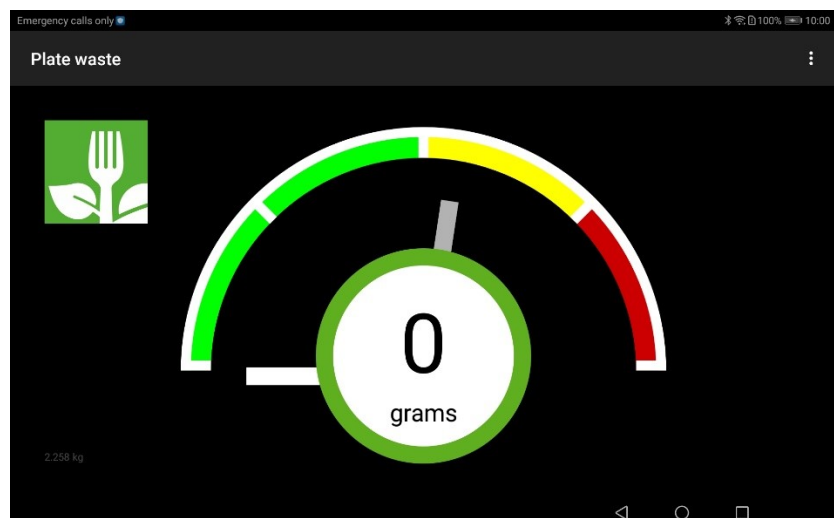
**Select waste category**

Specify the category in which the plate waste measurements will be saved. Categories and items must be created in the service before you can use the application.

**Weight**

The amount of weight displayed as a number can be hidden. This is worth doing if you want the person returning the plate waste to pay more attention to whether the meter shows a red or green sector. The number of grams may not tell the returner whether it is a lot or a little waste.

The app shows the amount of plate waste, both with a pointer and as a reading. The purpose of the app is to show when the amount of plate waste of a person is exceptionally high.

Because there may be a fast pace when emptying plate waste, the latest point shown by the pointer will remain visible for a while when the app is already waiting for the next measurement to begin.

## 2  Use

## 2.1  Principle

The app shows each customer how much plate waste she/he returned.

The app also monitors the total amount of plate waste returned. The total amount of plate waste is recorded to the service each time the waste container is emptied. Emptying can be done whenever necessary. In some cases, emptying is done once a day, in others several times a day.

# PLATE WASTE APP

Kitchen staff should pay attention to the correct procedure, so that the information stored would be reliable. **Read this manual carefully. Advise staff on the proper emptying procedure.**

## 2.2  Instructions to record plate waste

Start tracking:

1.      Place an empty container or waste bag on the scale
2.      Select the fork icon on the left upper corner.
3.      Select "Place an empty container on the scale. Start tracking."
4.      Adding plate waste to the container can be started.

Stop tracking and save data to the service

1.  Select the fork icon.
2.  Select "Save the amount of waste and then empty the container"
3.  Remove the waste container or waste bag from the scale.

Recording can be cancelled without saving the data to the service. In this case, select "Cancel the started tracking and reset the data".

## 3     Troubleshooting

**Exceeding the weight limit:** If the maximum weight limit of the scale is exceeded, a message is displayed. "Weight limit exceeded! Empty the biowaste container." The use of the scale may continue normally after the tracking has been stopped and the container emptied.

In case of any problems, first check that the power plugs of the scale and the tablet are connected to the mains and the tablet is switched on. When signing into the app, the tablet must be connected to the internet.

The tablet is set to "Battery Protection Mode" by default, so the battery charge level does not exceed 60%. So don't worry when your tablet doesn't show 100% charge.

If the app does not display scale readings or does not react to the weight placed on the scale:
* Check that the Bluetooth connection on your tablet is turned on.
* Verify that location permissions are allowed for the Plate Waste app on your tablet.
* Verify that the waste scale has been activated for the correct account.

If the scale shows clearly incorrect measurements:
* Calibrate the scale using the Food Waste application, which has a separate instruction on how to use it.

# PLATE WASTE APP

Network connection not available:

- Check the network connection. If the WiFi connection is working, but there is still a network error, check the functionality of the WiFi connection on another device.

Network connectivity problem: Keep your MAC address constant

- Your company may have a policy that allows devices to have WiFi access to the current network based on their MAC addresses. However, on some devices, the MAC address changes from time to time by default. This can cause problems with your network connection. The MAC address can be standardized in the device settings.

**Attention! Changes made in the web service (categories, titles, etc.) will apply with a delay. To get the changes immediately in use, restart the application.**