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Operating Instructions
KERN EasyTouch

EasyTouch Variable
User manual

Version 1.1
2022-09
GB

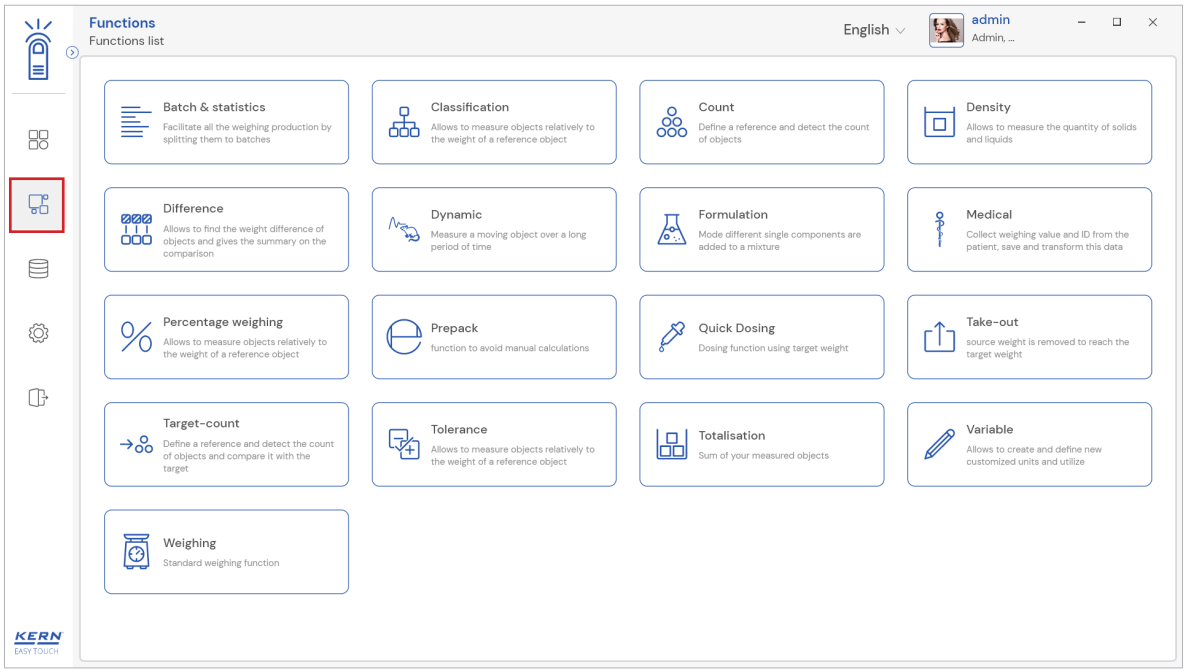
English

Contents

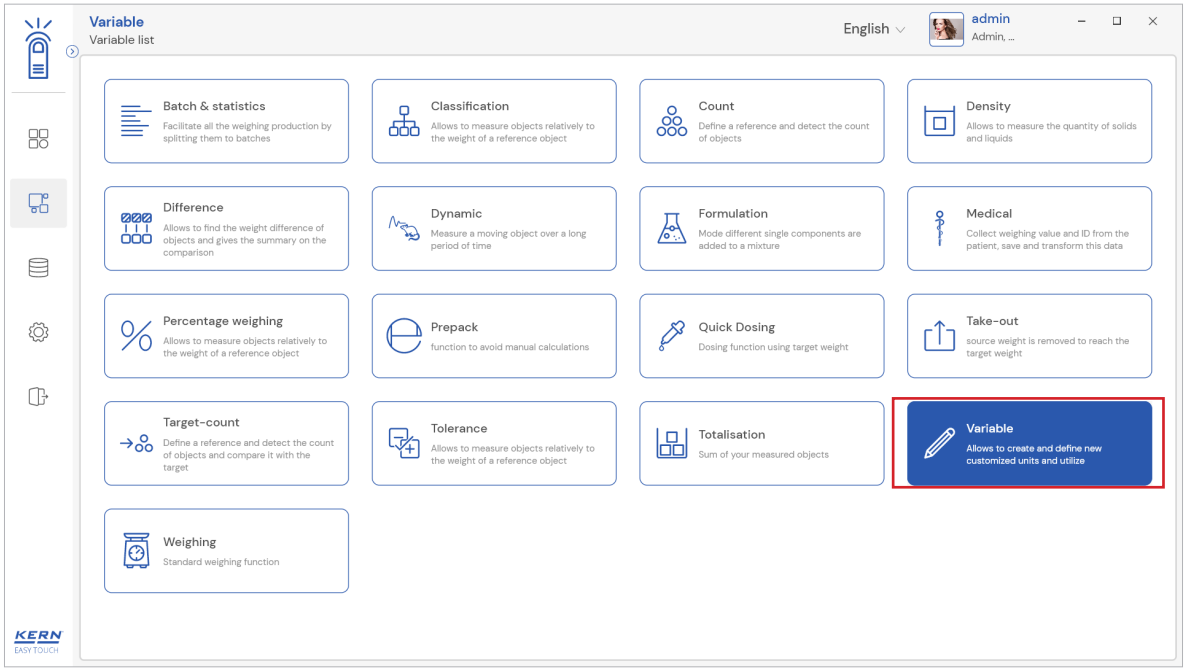
1.0 Introduction to the variable function

The free-variable function offers the possibility to determine other physical properties which are in a linear conjunction with the weight. Using this function, you can determine the length of a cable and this variable is designated as “individual unit“

- Click on the function menu from the main menu.

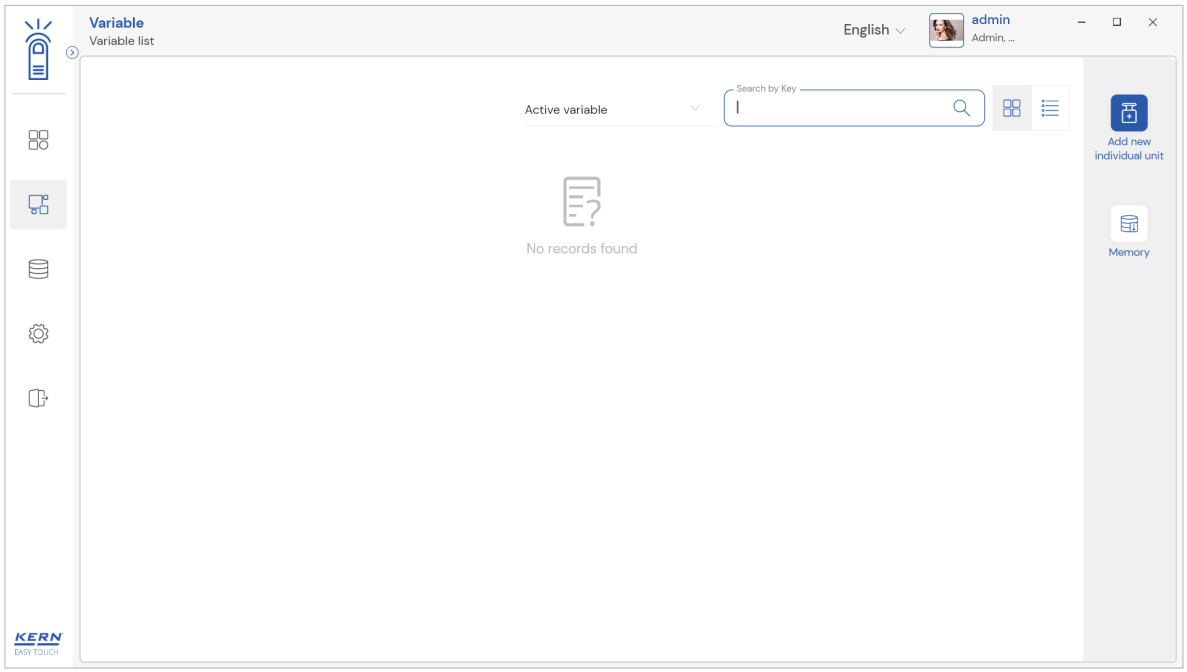


- The function list screen will appear. From the list of functions, click on the “Variable” function.



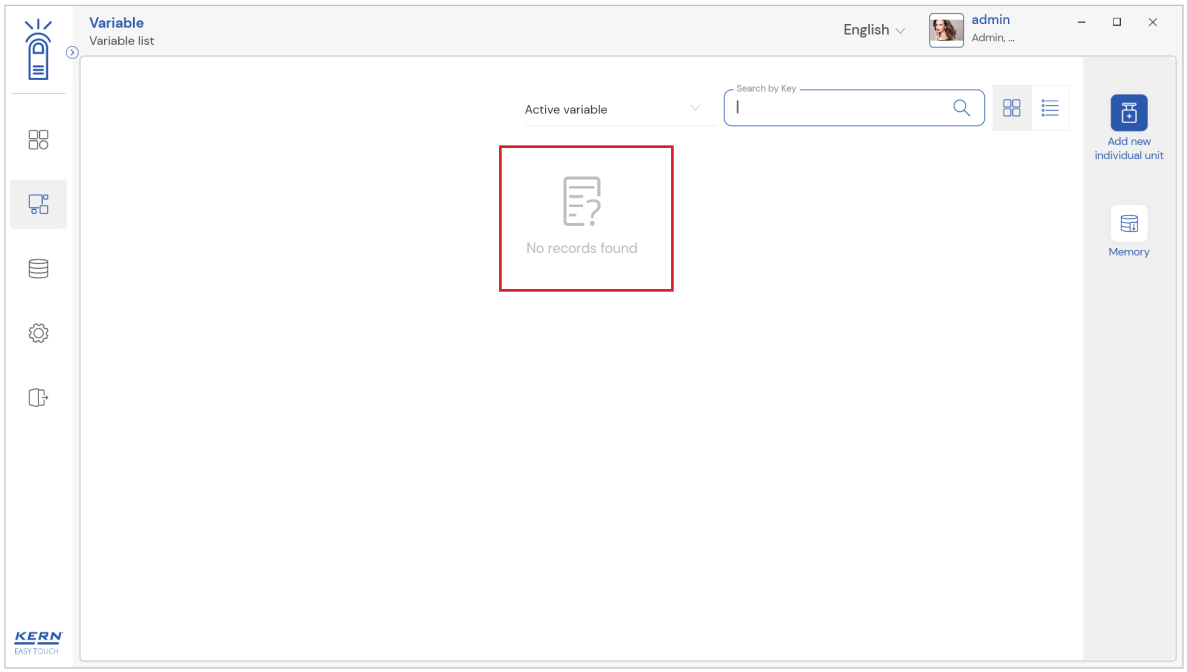
- The start screen for variable appears.

English



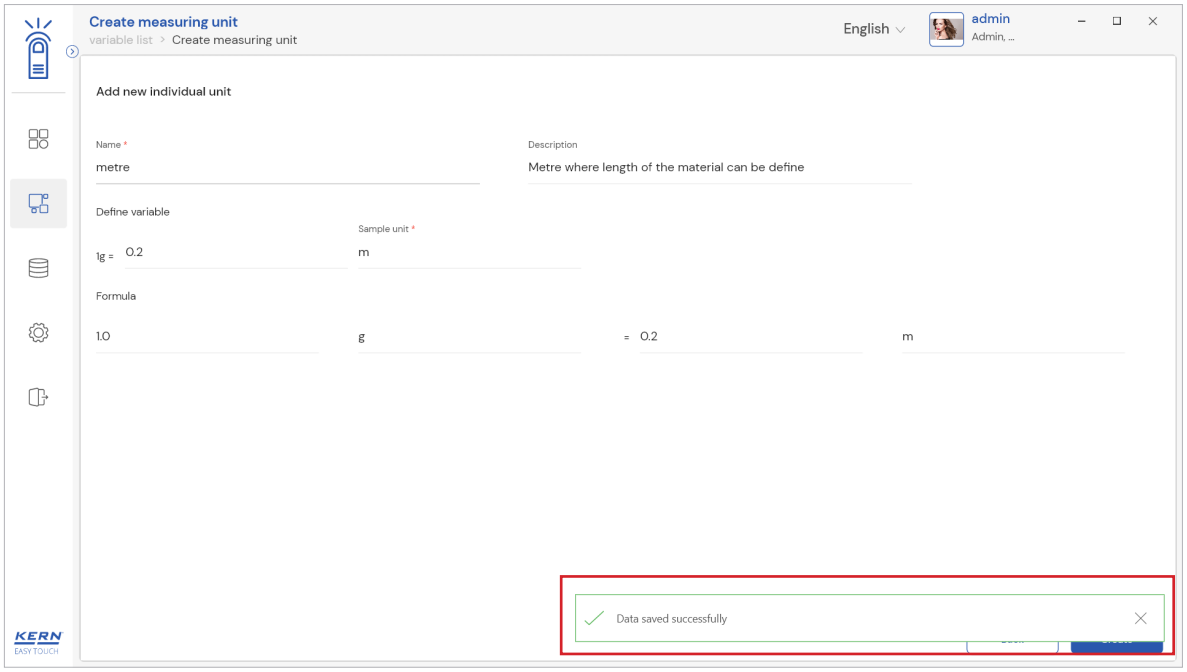
2.0 Adding a new variable

For the new user there wont be any data for the the individual units so there appears the message stating “no records found” and the add new individual unit will be highlighted with action color.

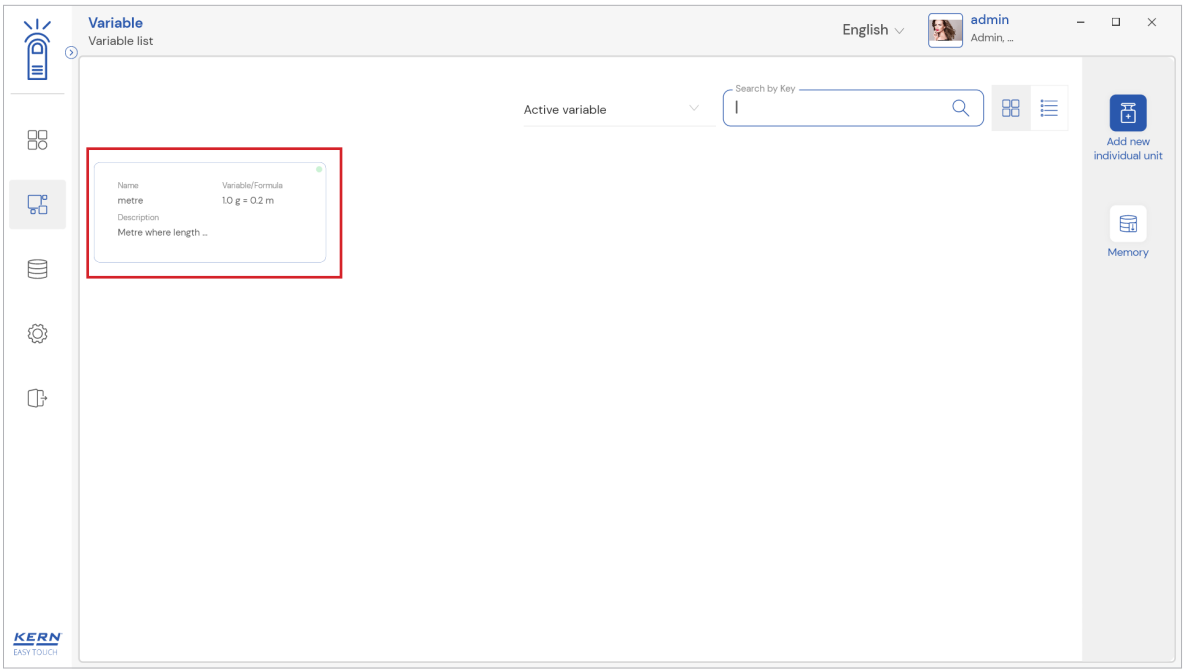


- Click on the “add new individual unit” to add a new unit and define the properties of it.
- Upon clicking on the “add individual unit” prompts you to the screen for entering the data of the new unit appears where the user has to fill in the required details.

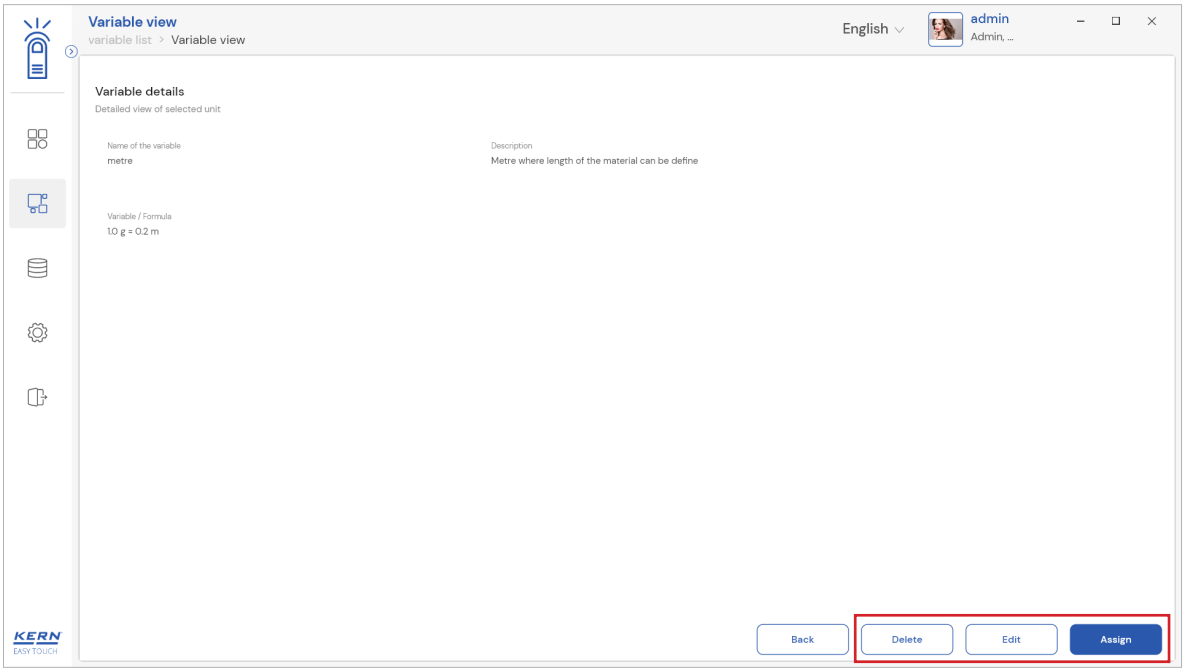
- Please enter the variable name to stay unique and search based on the individual unit name.
- Please enter the description briefing the individual unit which is going to be created.
- Please create a new individual unit corresponding to n grams.
- After entering the required fields click on create button to create the newly defined individual unit.

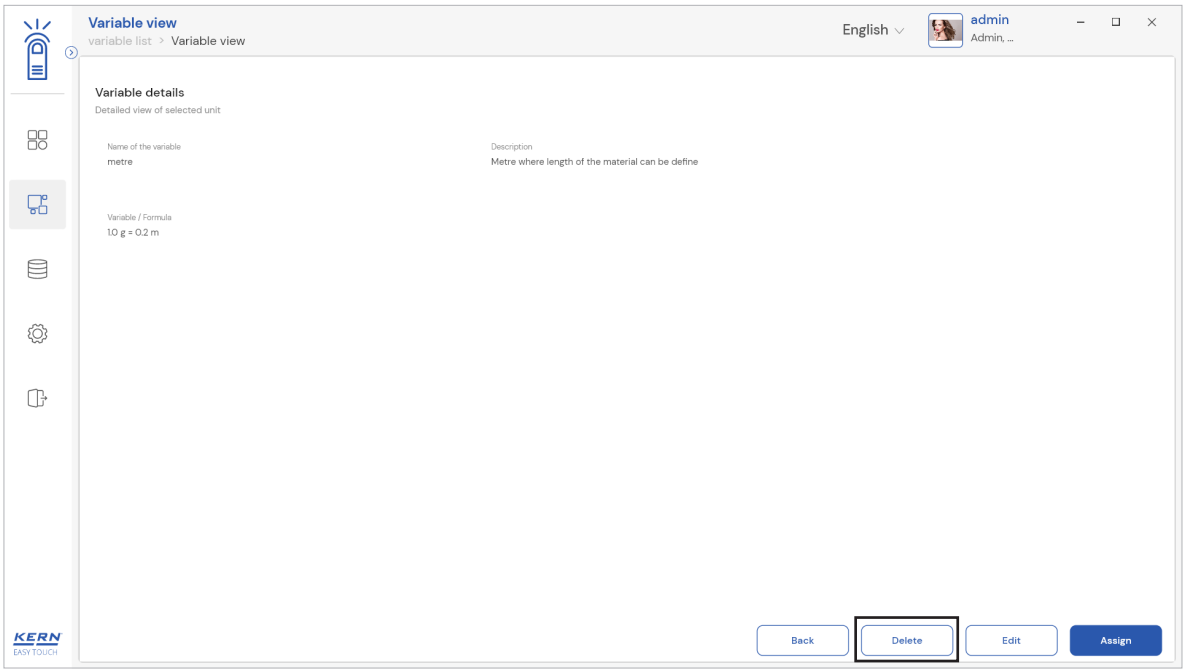


- After clicking the create button, the new individual unit will be created and will be displayed in the variable list screen.

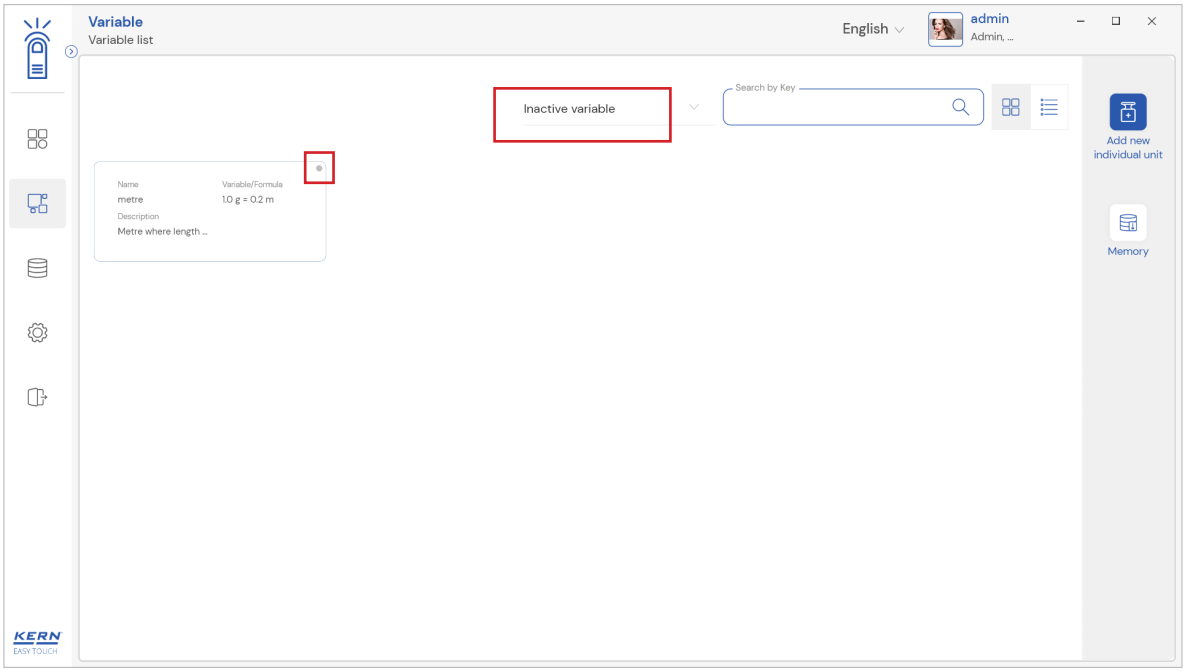


- Clicking on the created individual unit will take you to the screen where you can delete, update the unit or assign the unit.

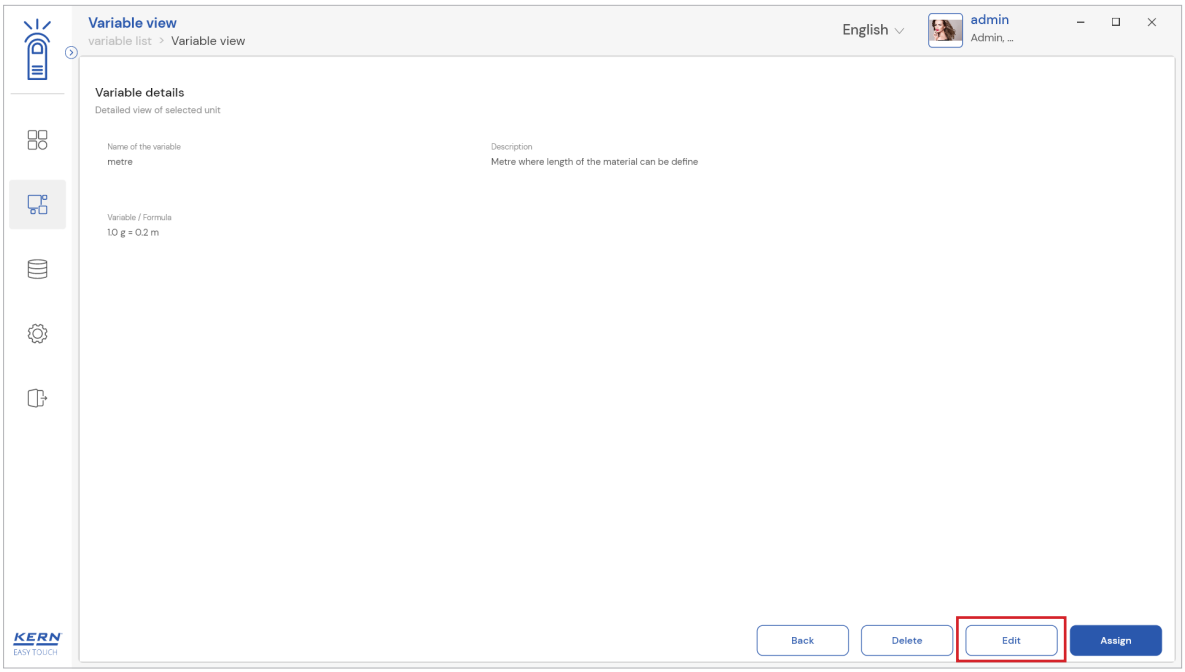




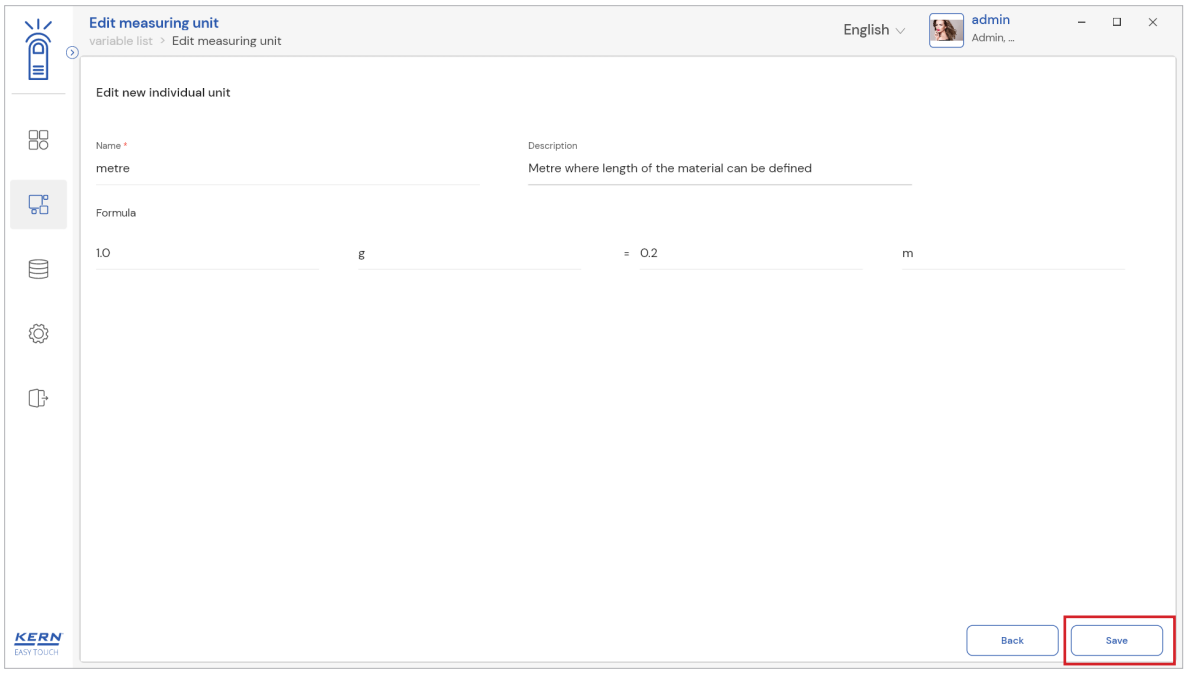
- Clicking delete will deactivate the available unit and store it in the deactivated list of individual units.



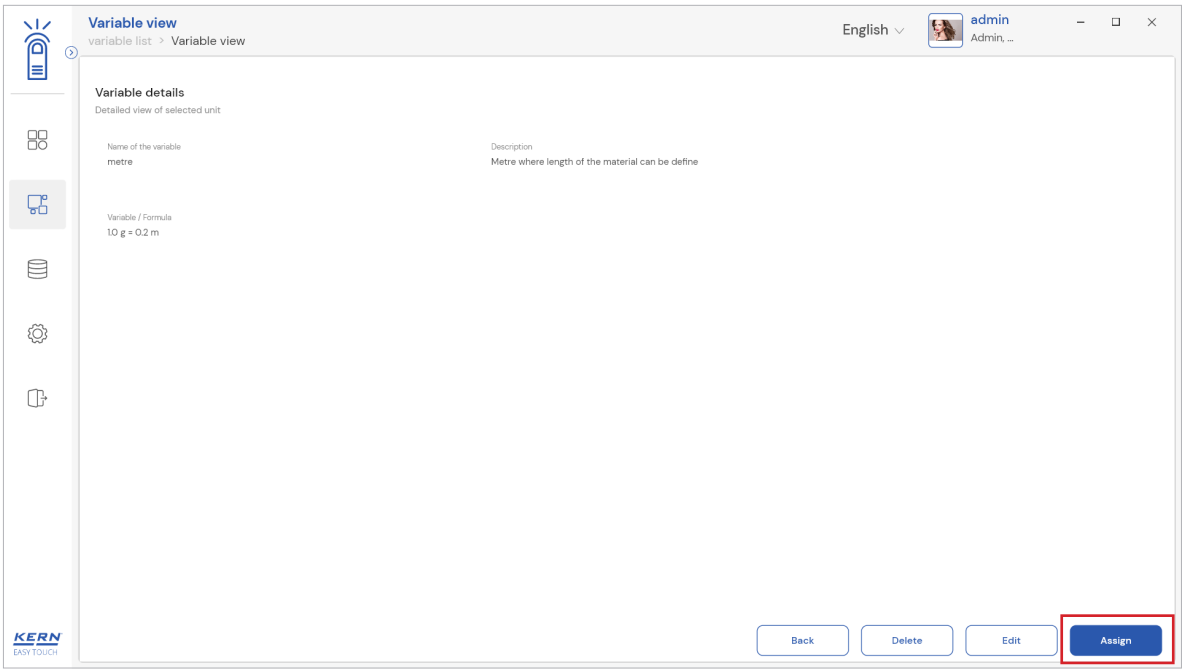
- Upon clicking on delete user will be prompted to the confirmation acknowledgement to re-confirm the delete operation
- If the user clicks on “yes” the variable will be de-activated and upon clicking on “no” the variable remains in active state
- Clicking on edit will be able to update the values of existing variables.



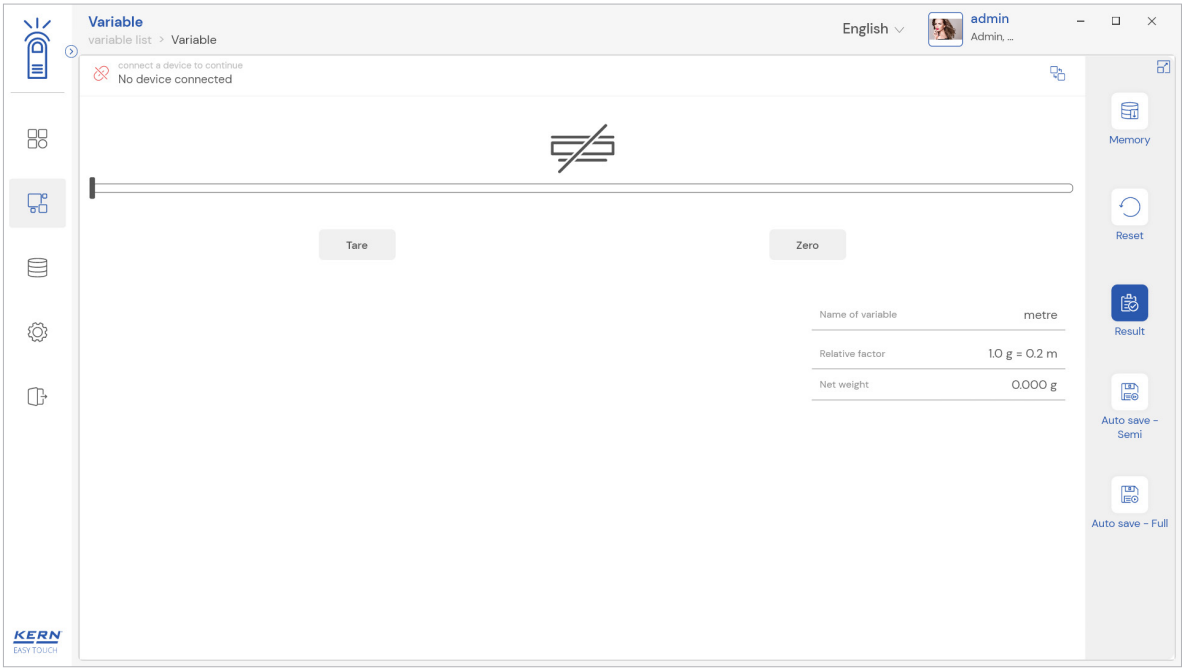
- Upon clicking on edit, user will be given the provision to update the properties of existing variable and save it by clicking on save button.



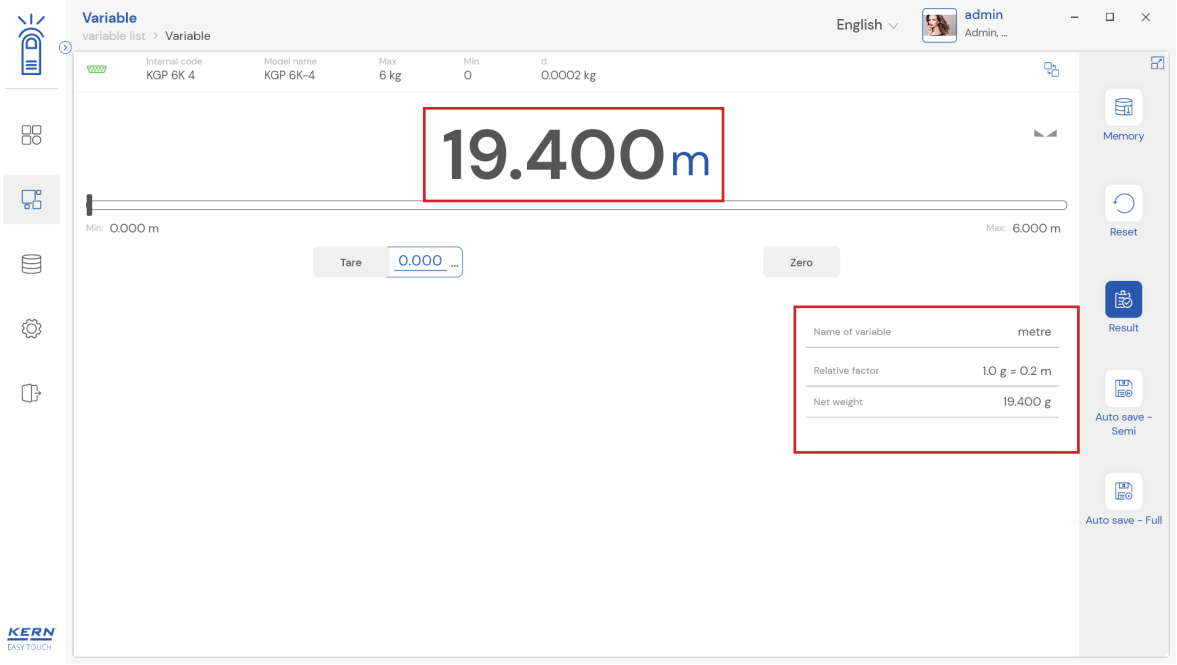
- Clicking on assign will assign the new individual unit as the weighing unit and you can start the balance with the new unit.



- Upon clicking on assign the user will be redirected to the screen where the created individual unit will be assigned, and the values will be calculated and displayed according to the defined relative factor. Connect to the device and start measuring the object in required unit.

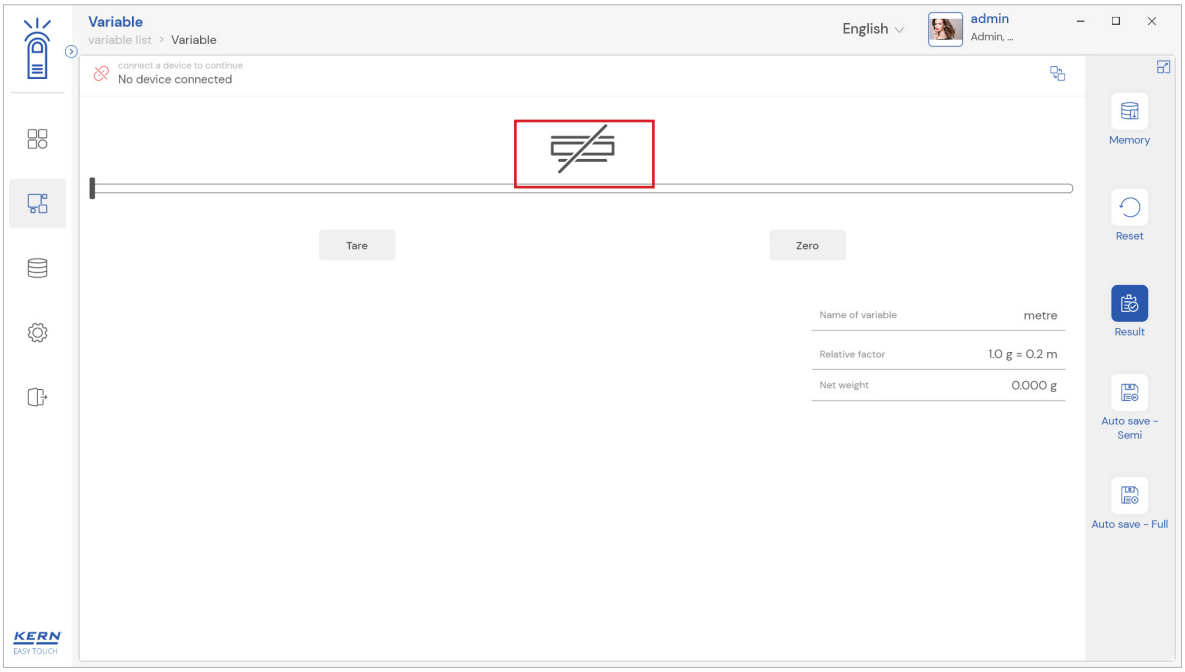


- Here the name of the assigned variable along with the relative factor will de displayed for the reference and the placed object weight unit will be displayed as per the defined unit.



3.0 Device features

The device features can be utilized upon connecting the device with the weighing scale.

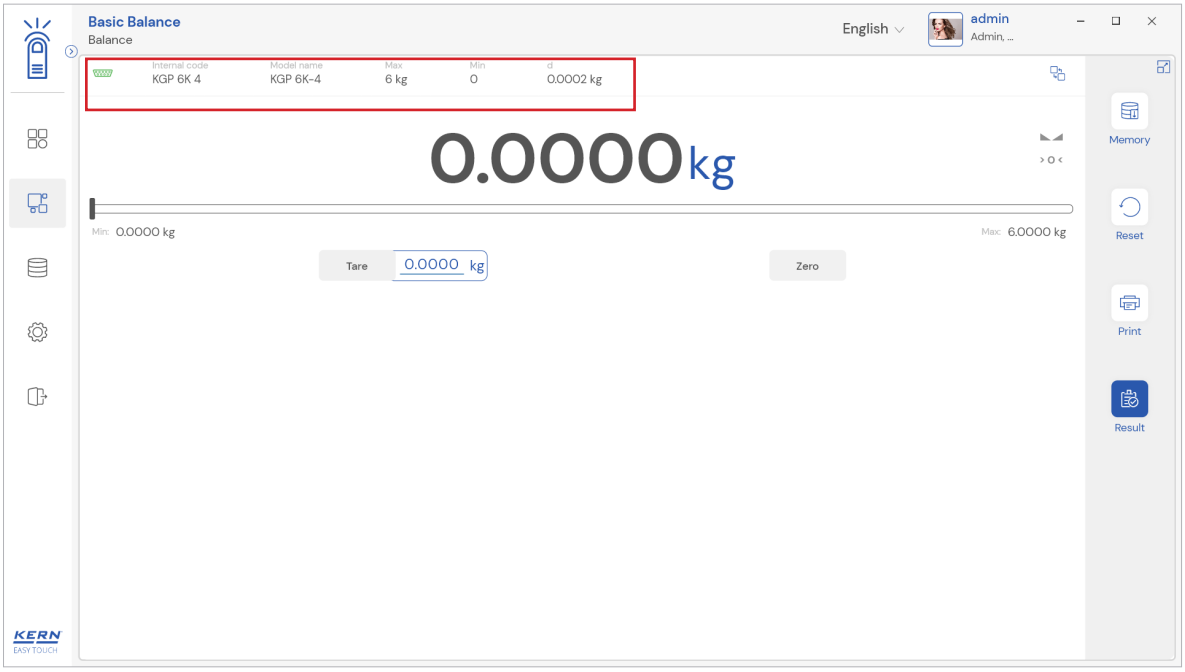


- Indication of “no device being connected” will be displayed.
- The functional features will be displayed in the right-hand side of the screen
- The provision to minimize and maximize were also being given in the upper right corner of the screen to get a full view mode
- Now connect a device to proceed with weighing of an object by clicking on the “Connect a device to continue”
- Connect a device which is physically connected to the system and now the weighing mode is activated, and the screen looks as per the below.

3.1 Device details

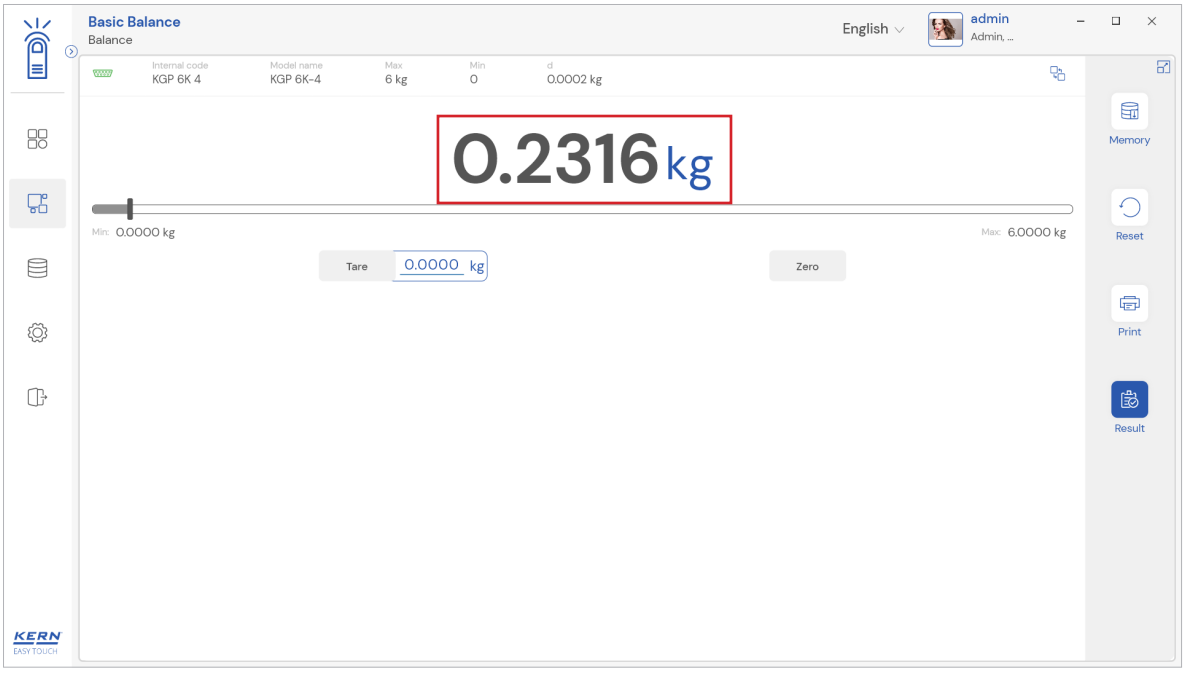
The system will display the prominent details of the device as such internal code, model name,

min, max, d and e value (in case of verified weighing scale) once the device is connected.



3.2 Net value

- The weight on the scale would be displayed with the default unit in alignment with the d value

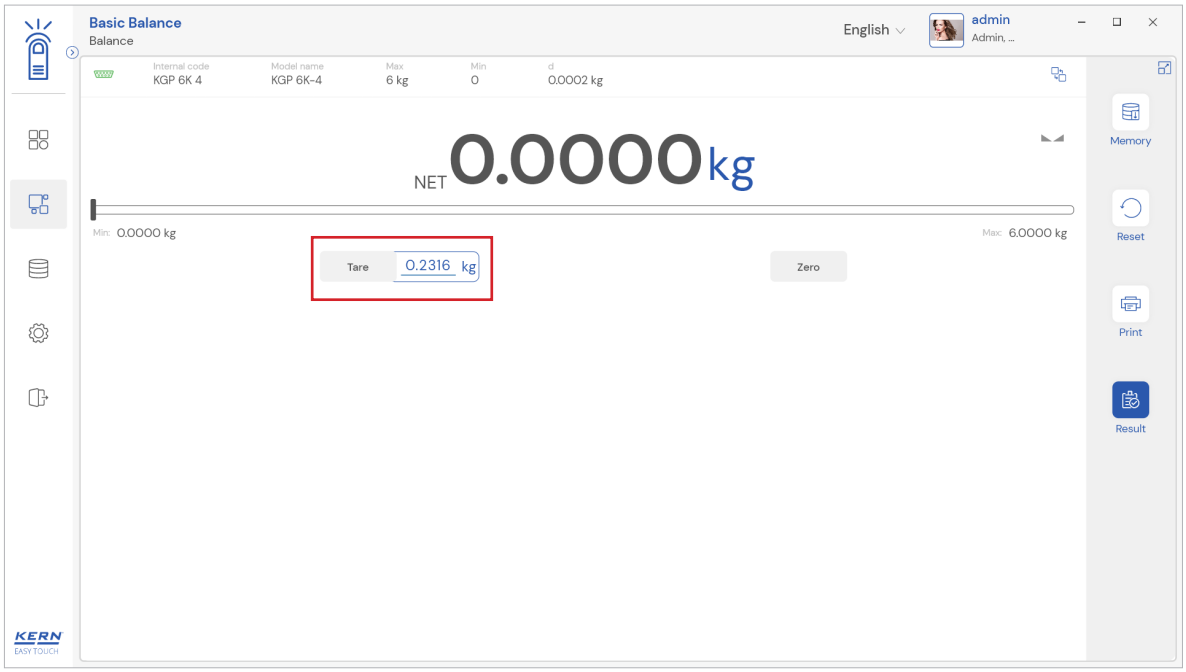


3.3 Tare

User can utilize the tare in two ways

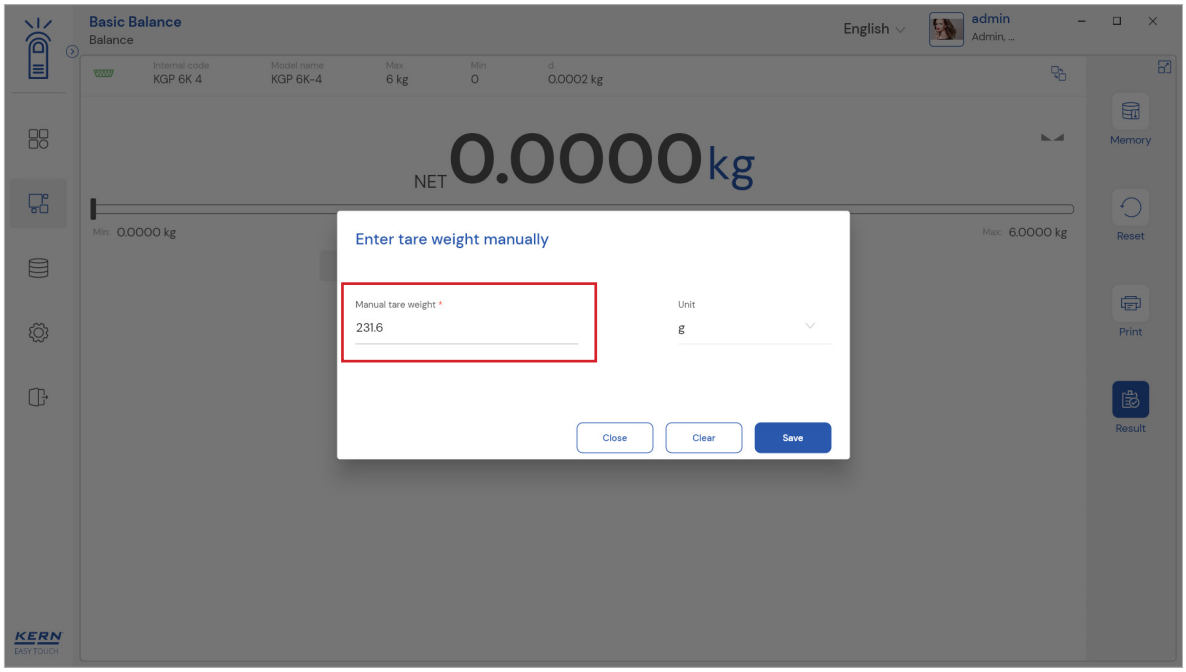
3.3.1 Auto tare

- Place weight on the scale and press the tare button. The weight on the scale would be tared.



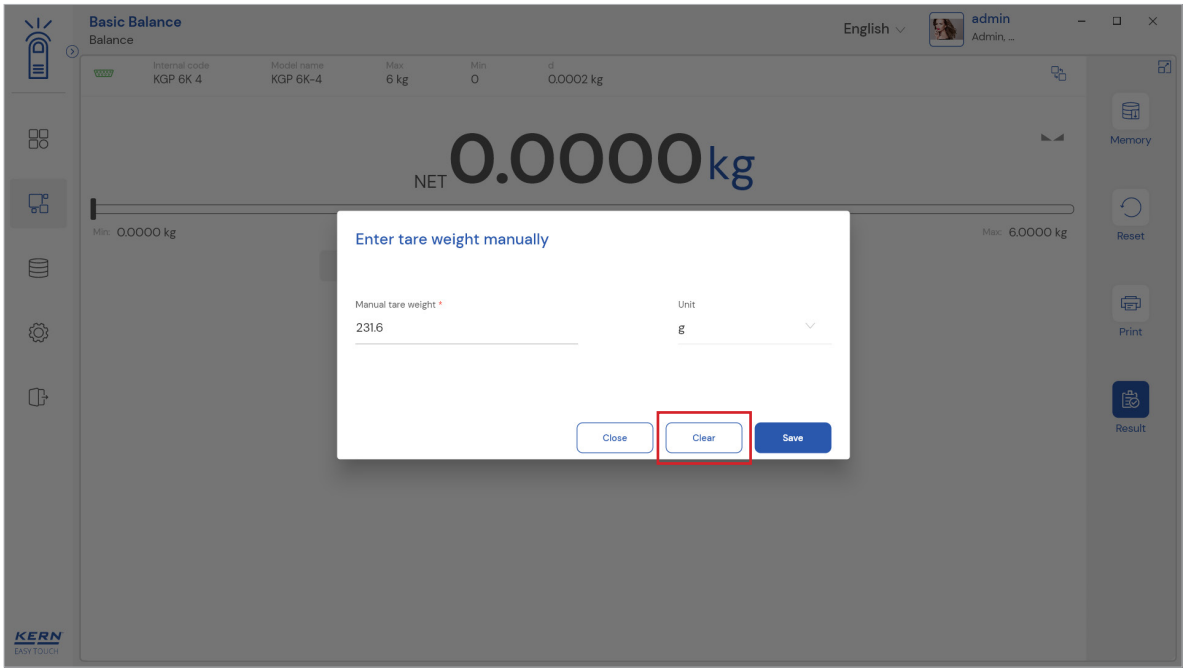
3.3.2 Manual tare

- Click on the hyperlink against the tare and enter the tare value.



3.3.3 Delete tare value

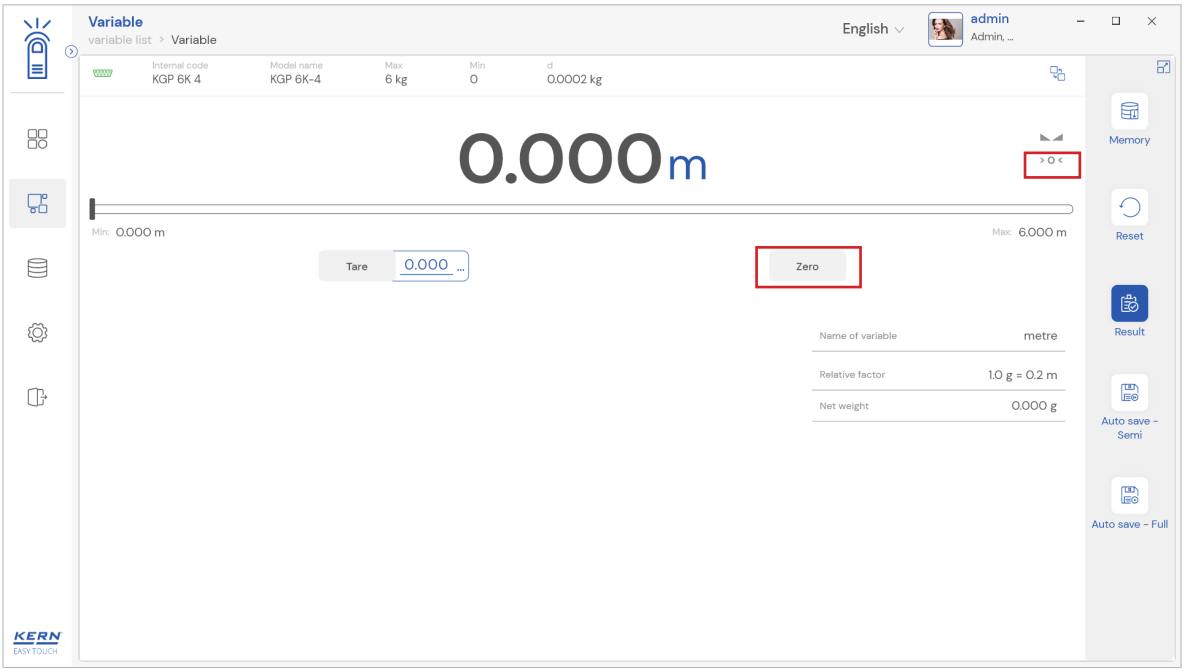
- Click on the clear to delete the tare value manually or remove the weight on the scale and click on the zero button.



3.4 Zero

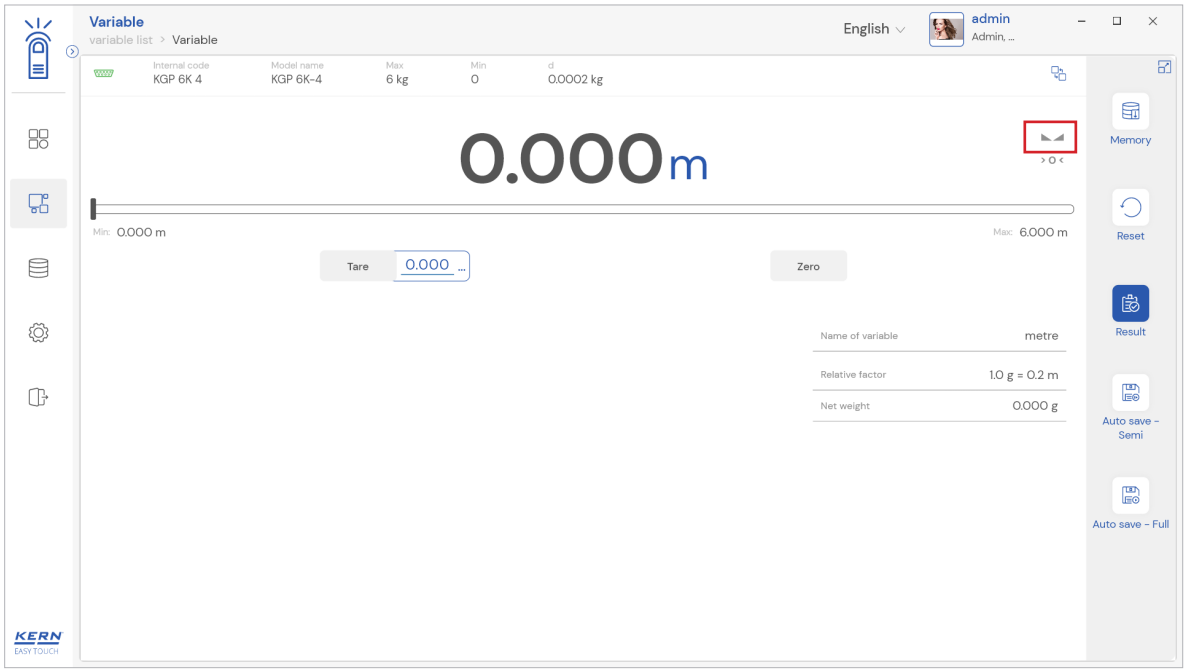
The Zero is used to remove the unwanted weight from dust, rust, or other build ups. This is used when there is nothing on the scale, but the reading doesn't display Zero.
Kindly note, the zero button functionality works only when the weight on the scale is less than 2.5 % of the max value of the device.

- The expected is to set the weight measurement starting from zero.
- The zero will be indicated by the Zero indicator.



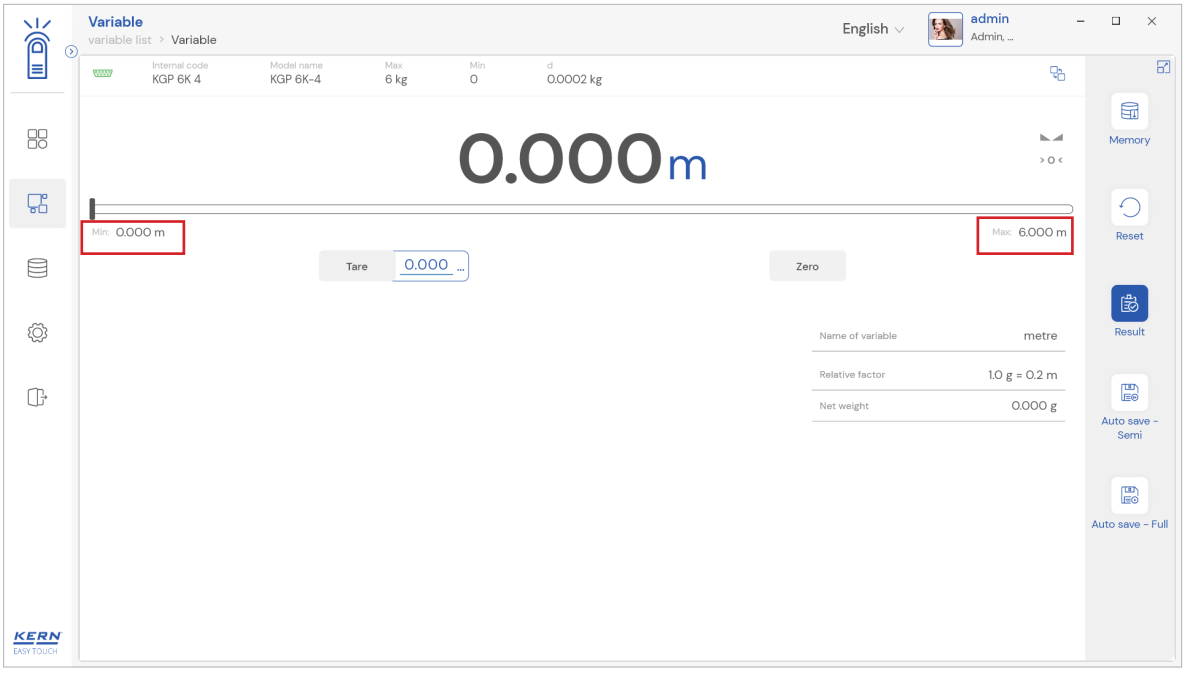
3.5 Stability

The stable indicator will be displayed once the weight on the scale gets stabilized.



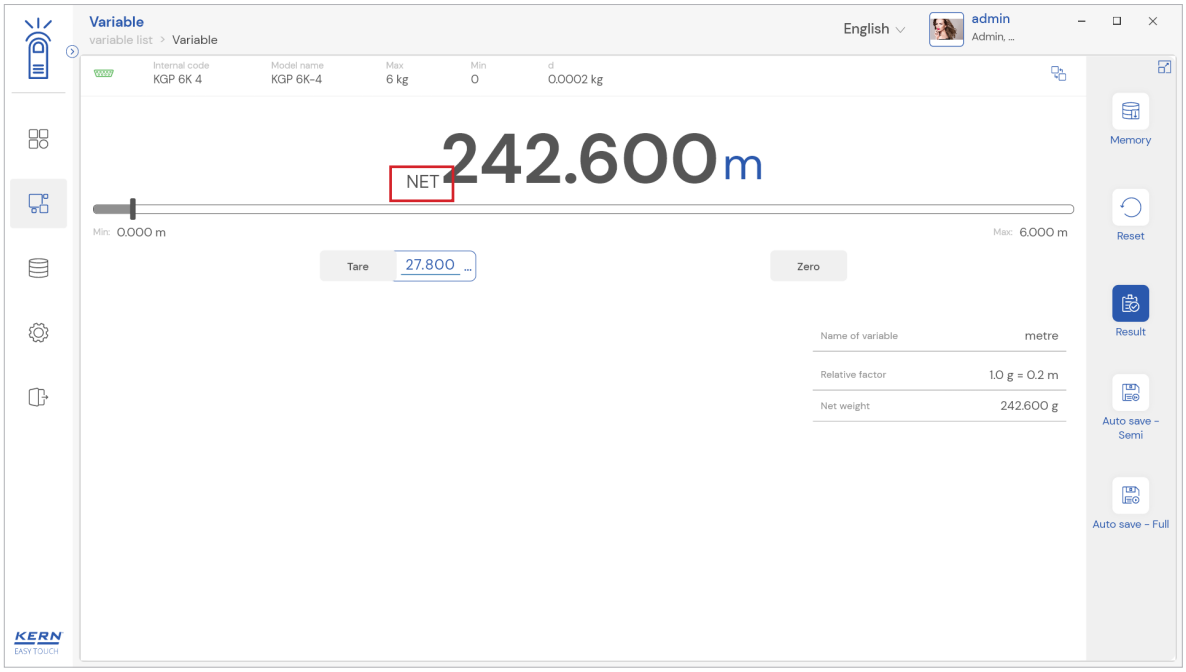
3.6 Min and max

The minimum and maximum value that the device can hold will be displayed under the progress bar



3.7 Net indicator

The net indicator would be displayed in case of tare is being set.



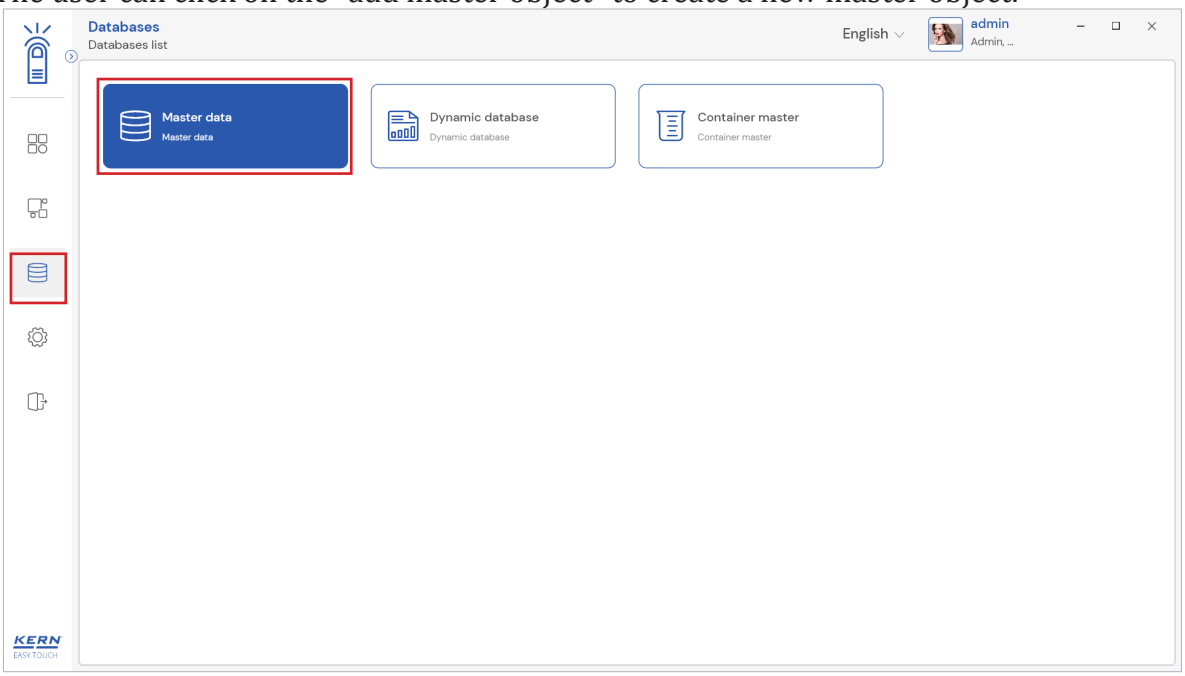
4.0 Functional features

4.1 Memory

The user might be able to pick an object from the memory where the user can predefine list of objects what you use frequently. The object in the memory can be reutilized.

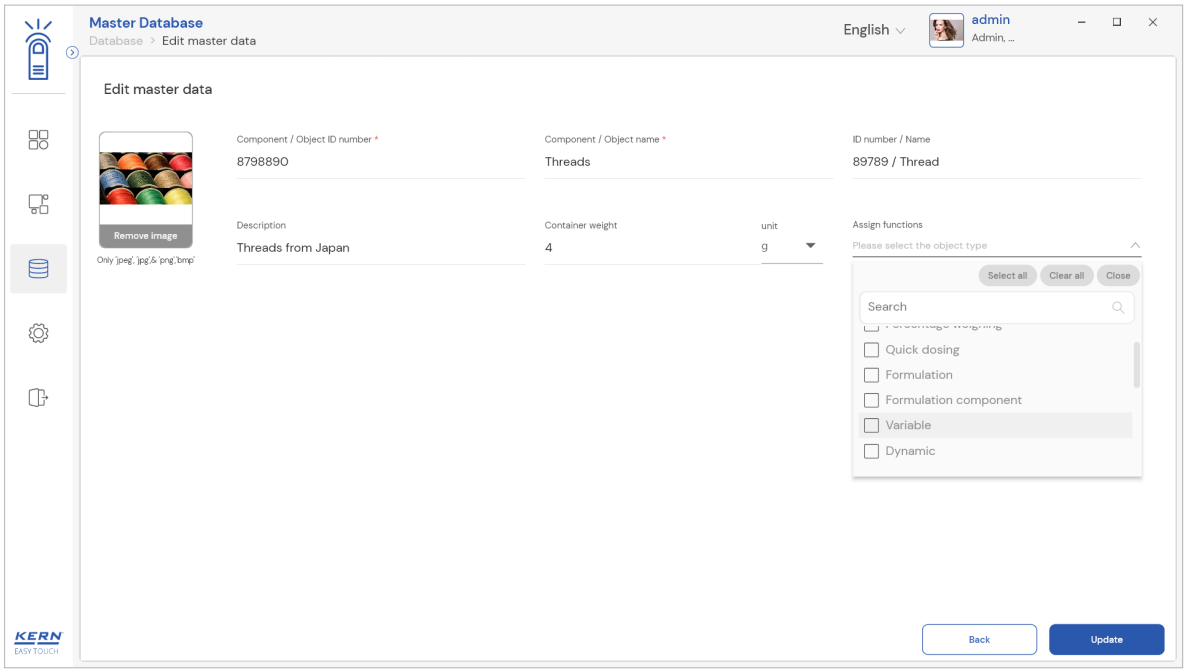
Steps to be followed to create a master data with functional properties

- Click on the database icon and redirect to the master data.
- The below screen would be displayed. The user might be able to see the list of master data objects created here.
- The user can click on the “add master object” to create a new master object.

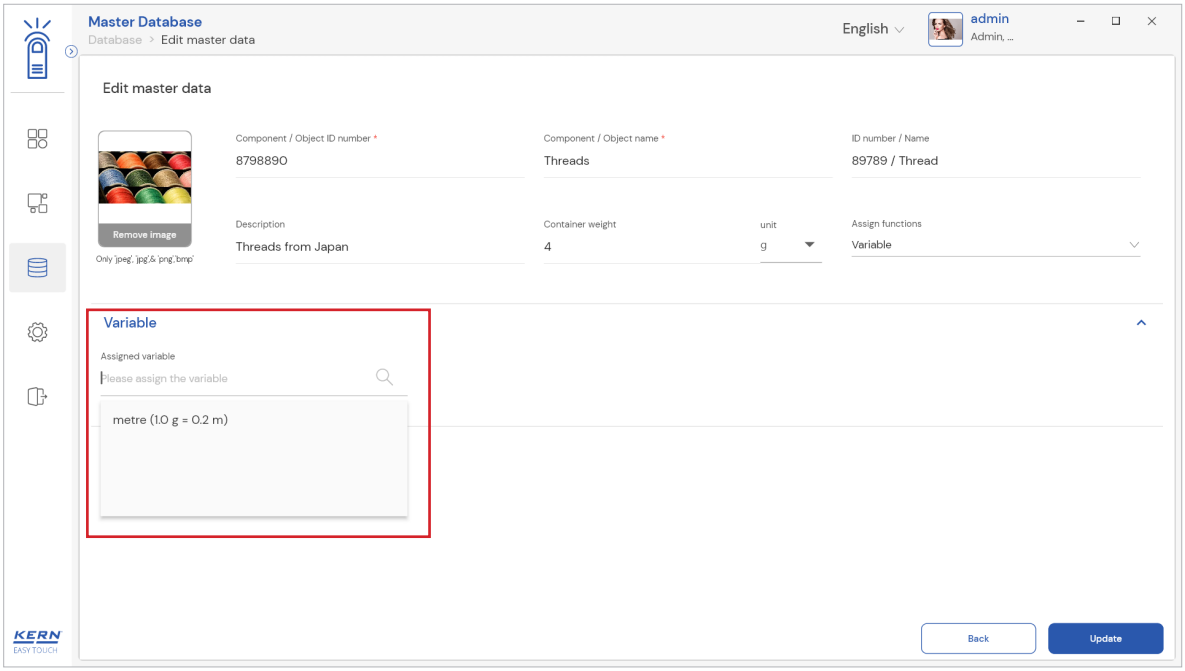


- The user can fill in the information as such component / object ID, Component / object name, ID number / name, description, container weight and the image for the reference.

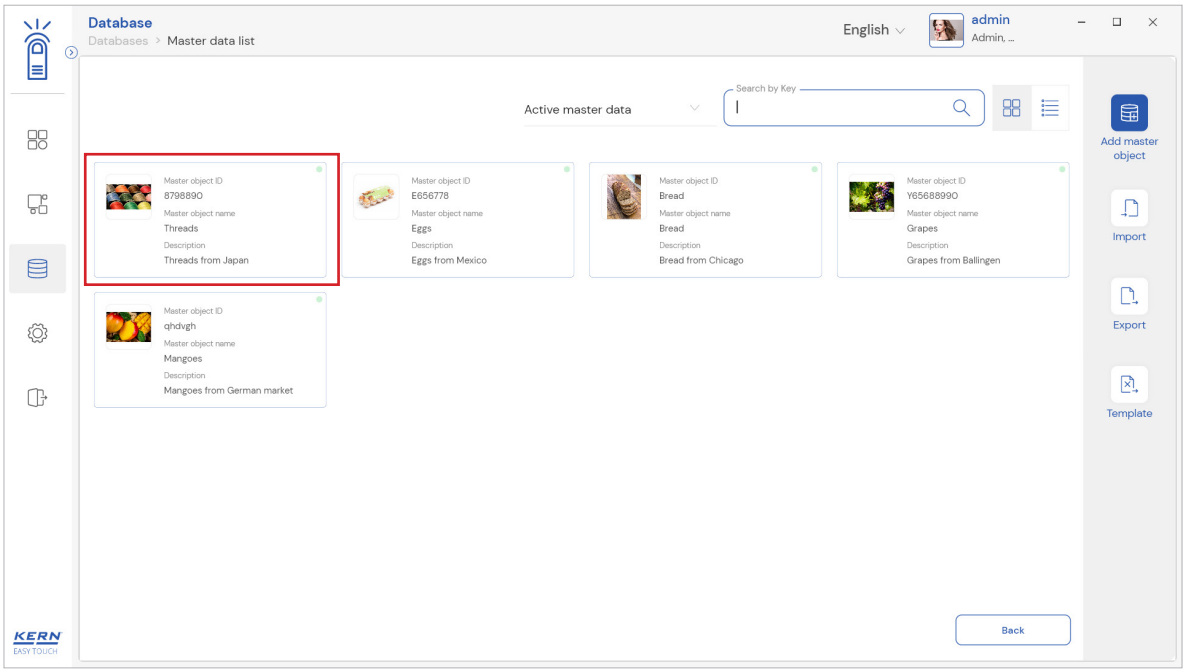
English



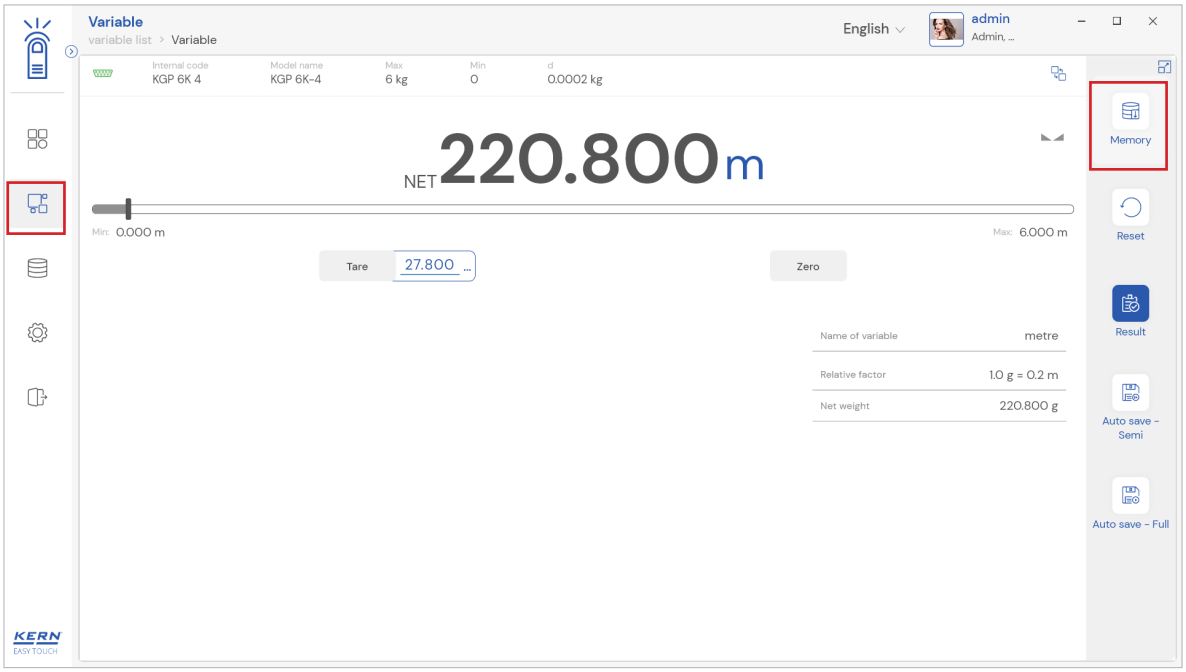
- Now user can select the required function “variable” to utilize the properties.
- Upon clicking the function, the functional properties to assign the individual unit will be displayed.
- User can choose the respective individual units and click on submit to save the master object.



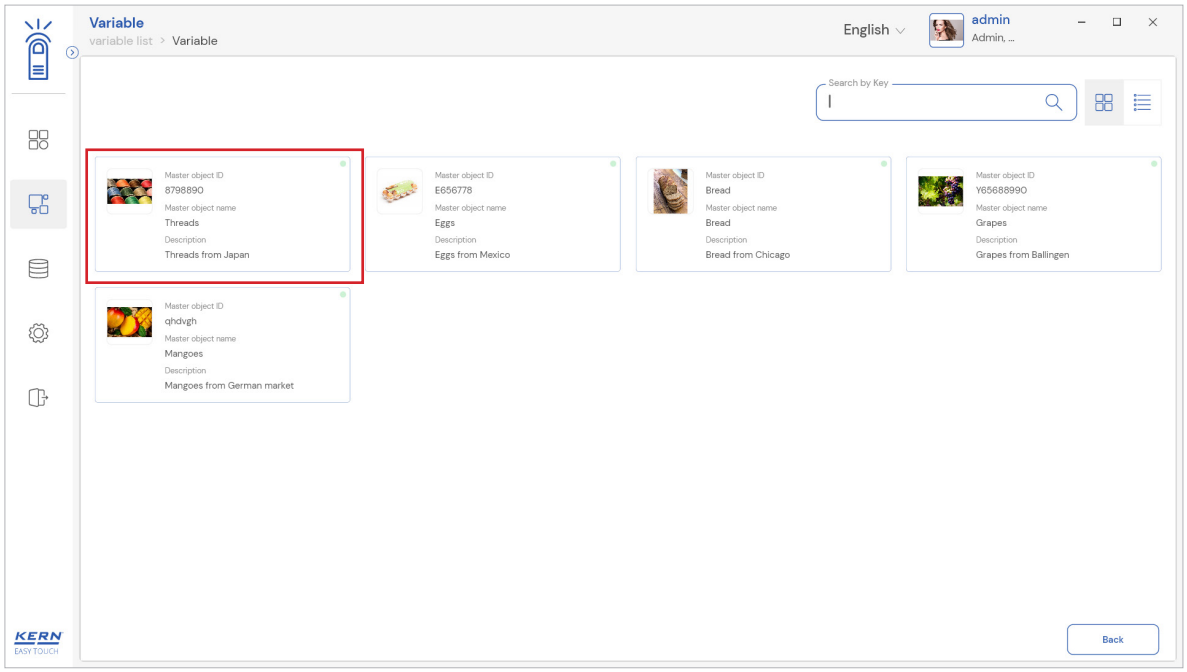
- The master object data is being saved and user could be able to view the created master object in the master list.



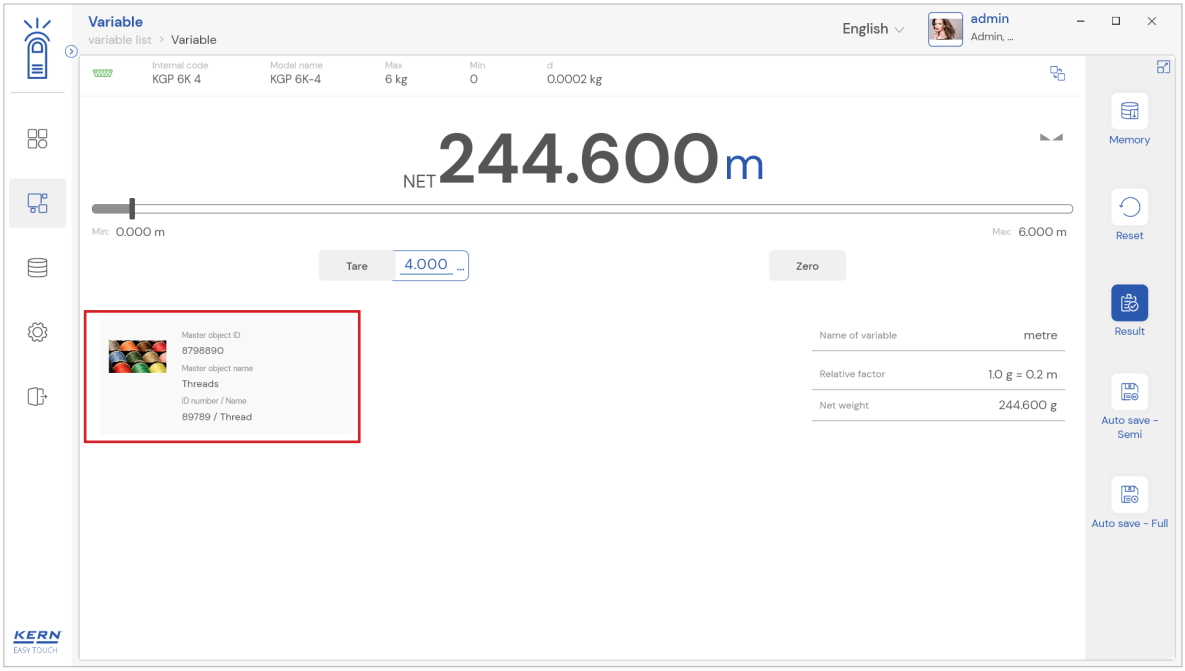
- Now redirect to the function variable and click on the memory and the user will be taken to the master memory to pick from the list of objects predefined. User can click on the required object to be weighed.



- User will be provided with the search option to search the required weighing object.



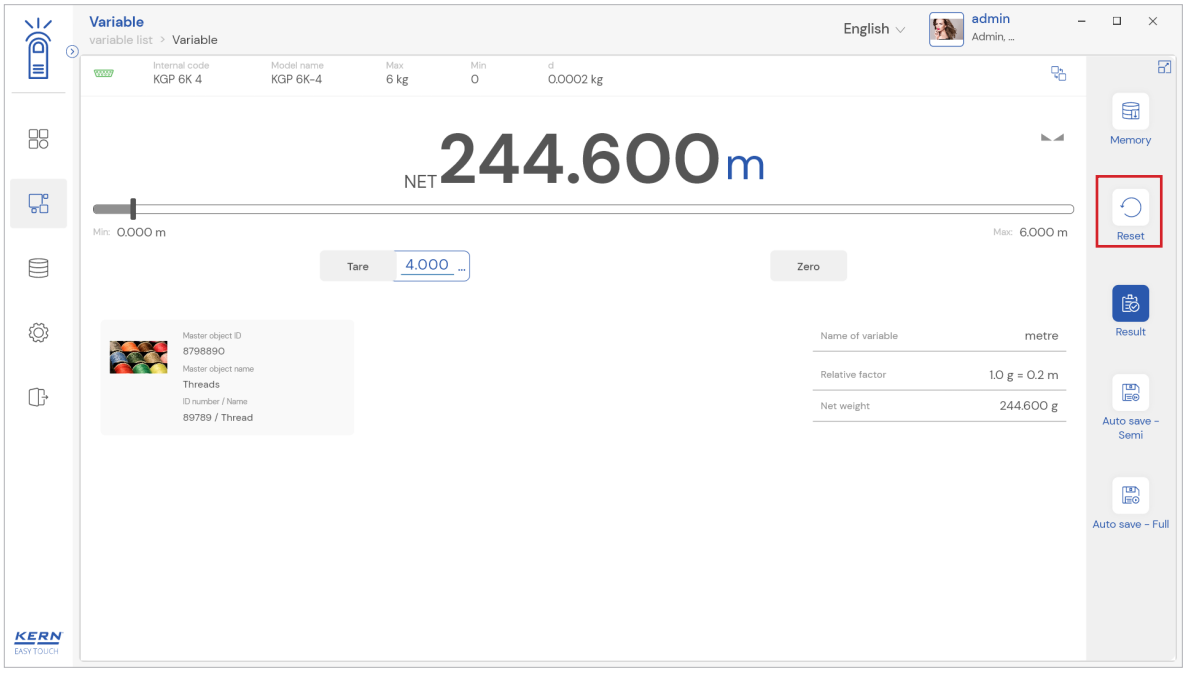
- User will be redirected to the weighing screen upon clicking the required object.



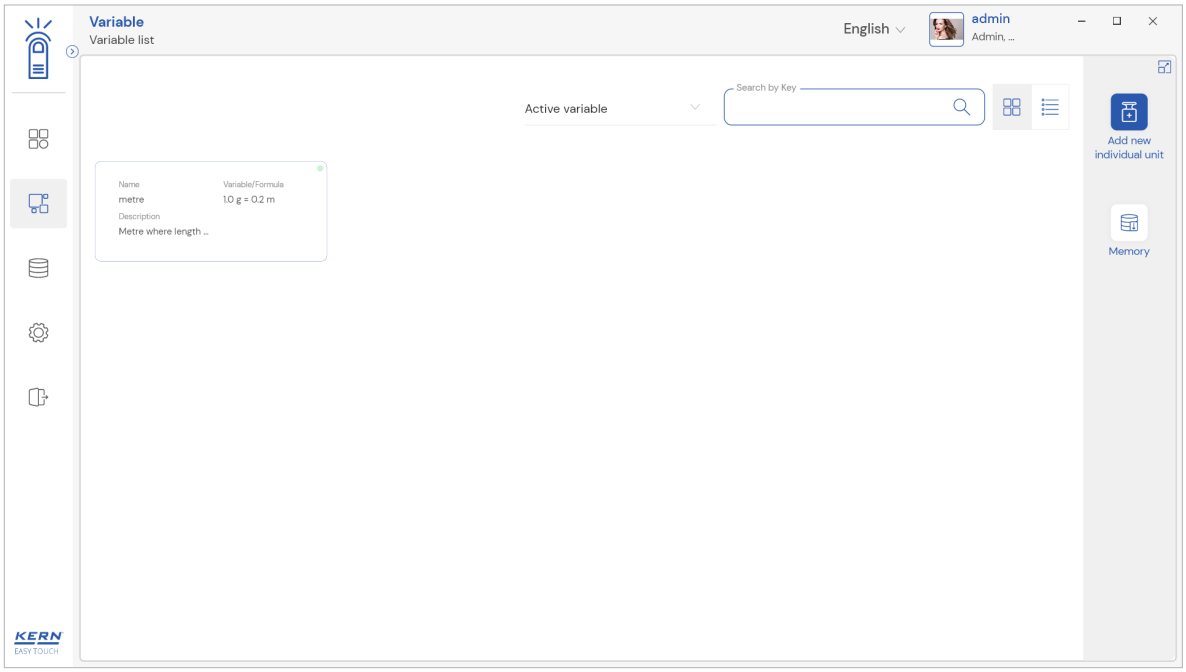
4.2 Reset

The purpose of the reset is to clear all the entered values and readings.

- Upon clicking the reset, system will reset all the patient details and will be ready to perform the new operation



- Upon clicking the reset, the user will be redirected to the variable list screen and will be ready to perform the new operation



5.0 Auto save

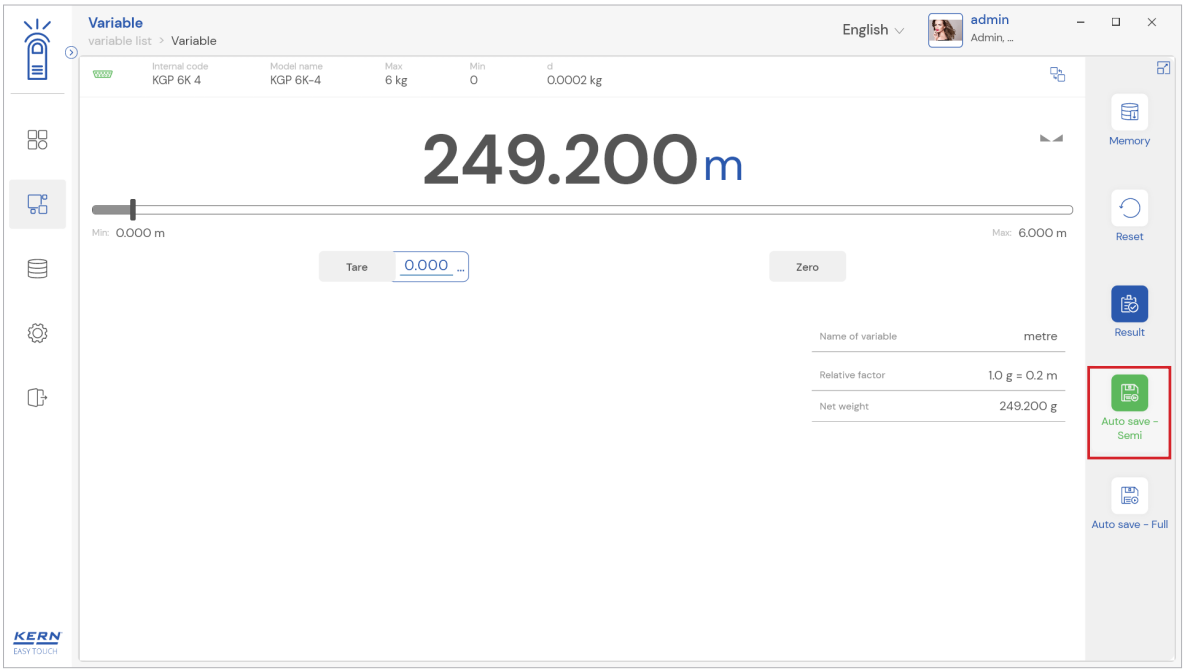
5.1 Auto save semi

The purpose of auto save semi is to avoid pressing the result button once the measurement is done.

- The user will be automatically redirected to the result screen upon loading and unloading of the weight (until reaching zero) and stabilization of the object placed on the weighing scale.
- This might be useful in reducing the work of operators as they might not need to press the result button every time.

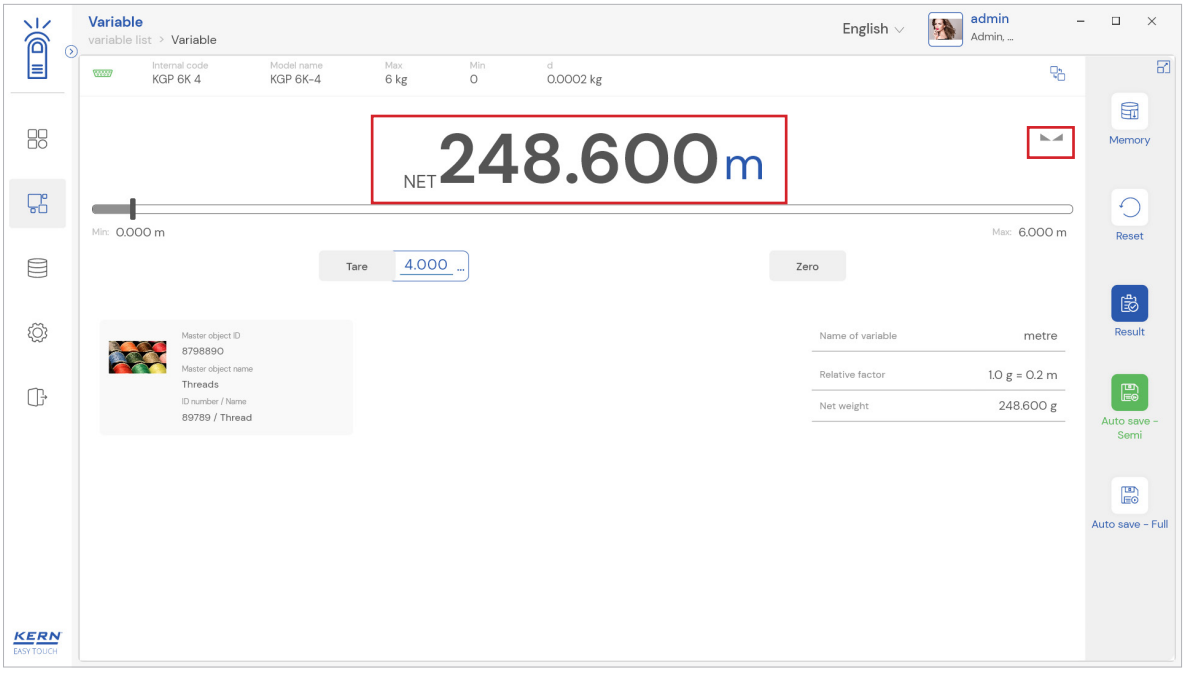
Steps to be followed:

Step 1: Enable auto save semi

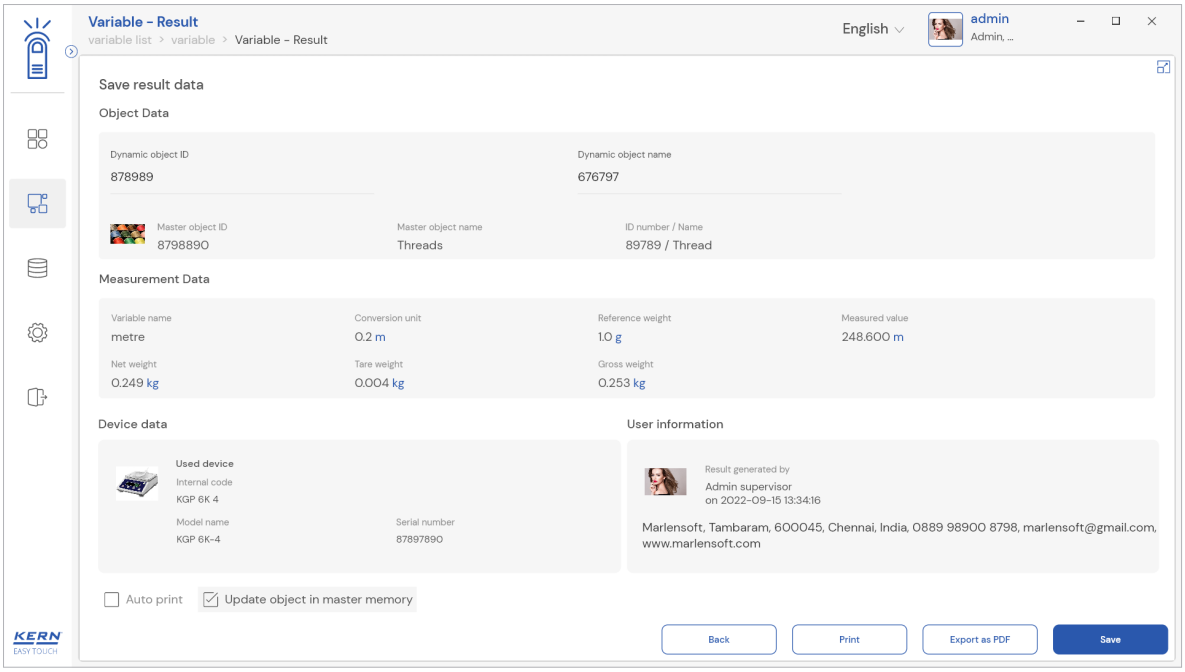


Step 2: Place the object that is required to find the net weight

Step 3: Wait until the weight on the scale is stabilized



Step 4: The user will be automatically taken to the result screen



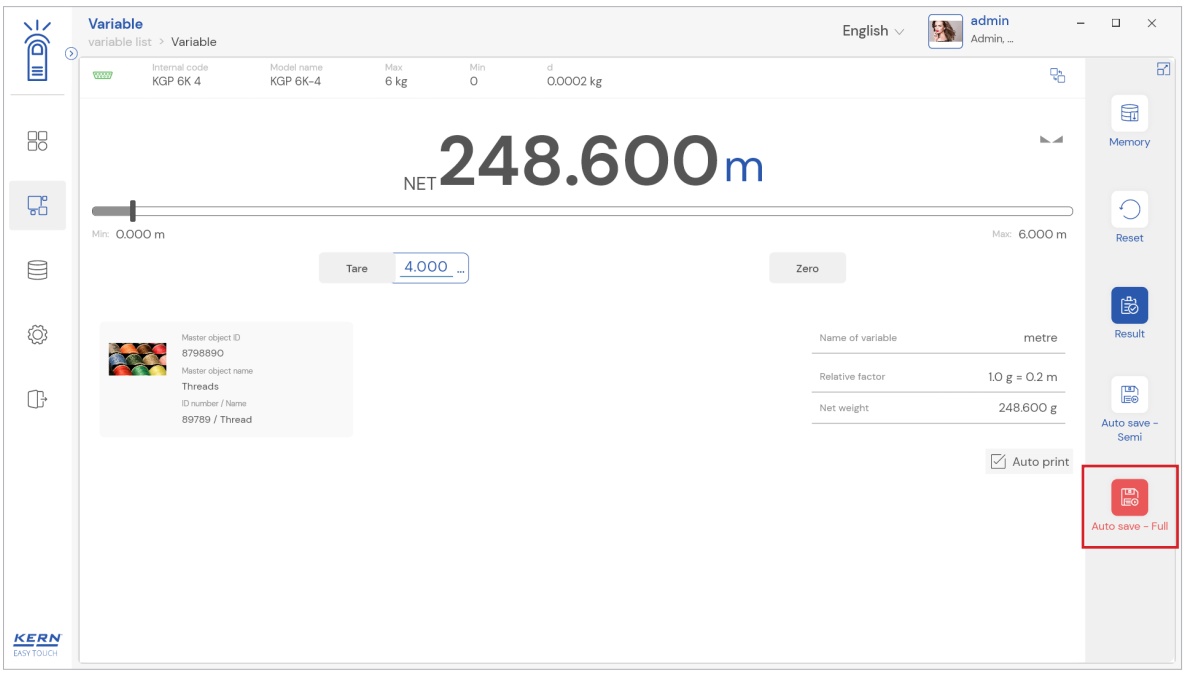
5.2 Auto save full

The purpose of auto save full is to save the result automatically without moving to the result screen every time once the measurement is done.

- The system will be automatically saving the result data in the dynamic database upon loading and unloading of the weight (until reaching zero) and stabilization of the object placed on the weighing scale.
- This might be useful in case if the operators in the industries are handling chemicals and might not be able to touch the application screen due to grease or other conditions.

Steps to be followed:

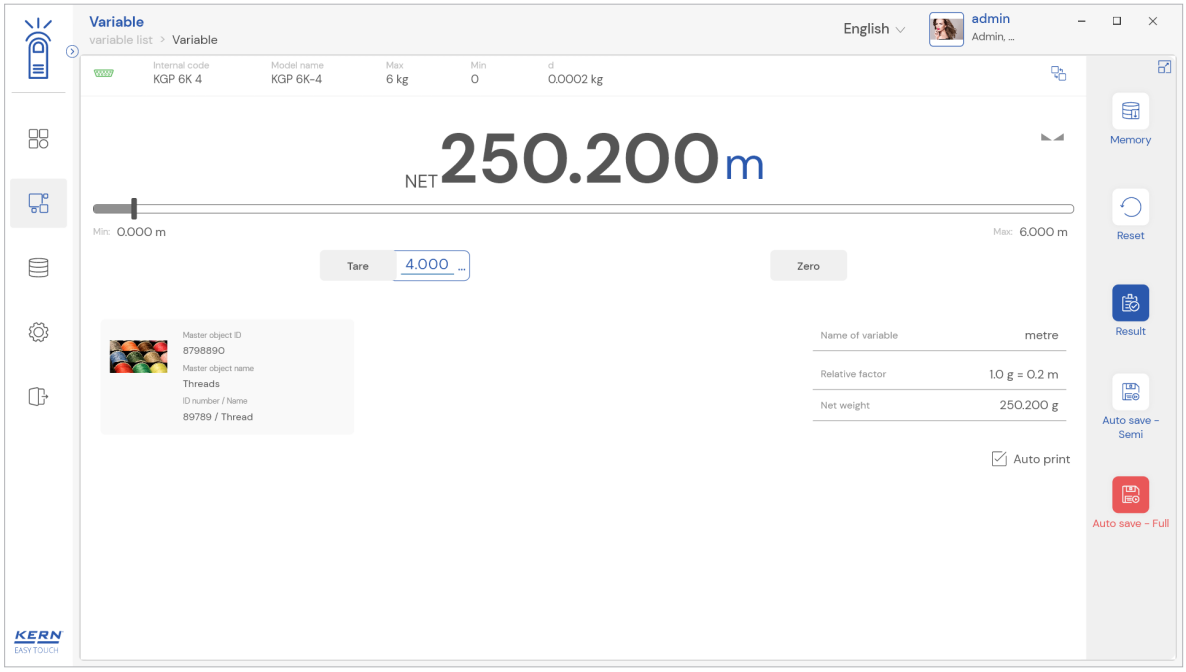
Step 1: Enable auto save full



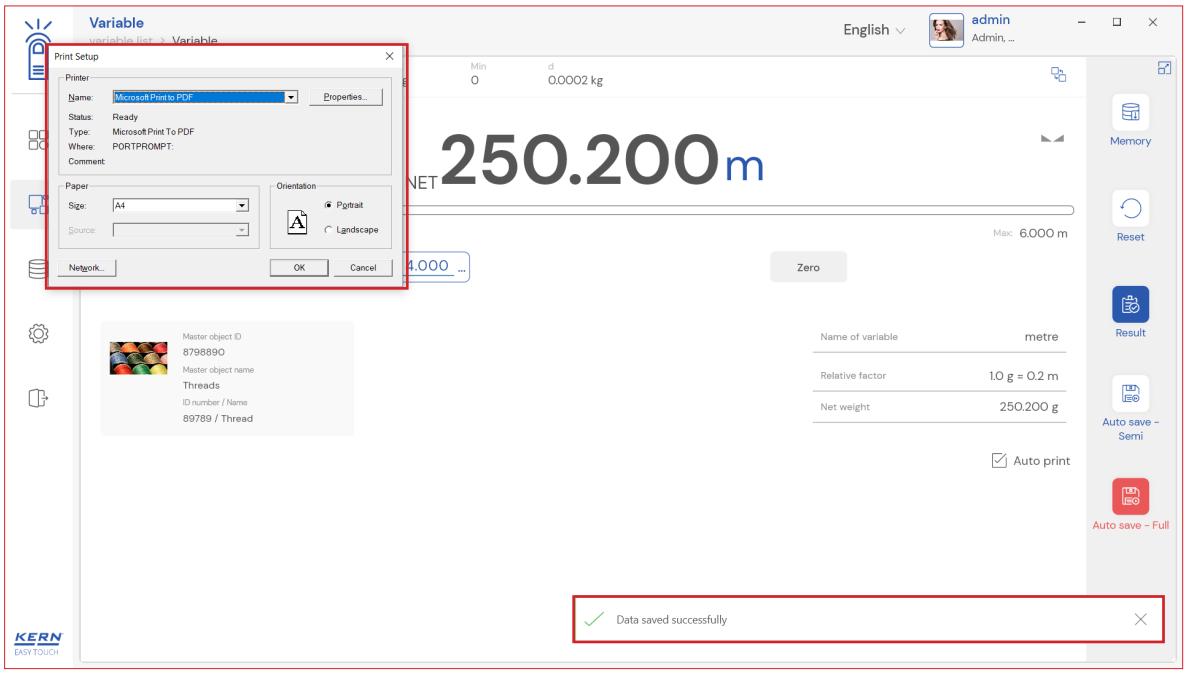
Step 2: Place the object that is required to find the net weight

Step 3: Wait until the weight on the scale is stabilized

English



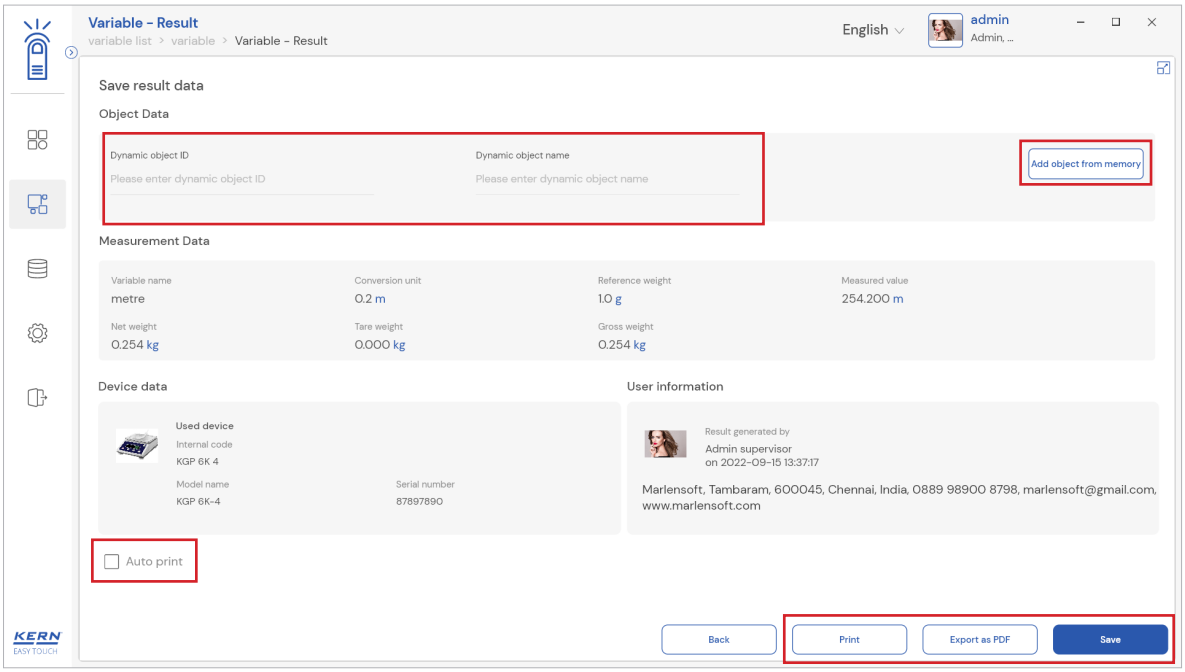
Step 4: The system will automatically save the result in dynamic database. The user can enable the auto print in case wanted to print the data automatically upon saving the data in dynamic database.



6.0 Result data

6.1 Measurement data

- The below screen appears upon clicking the Result button. The user might be able to view the complete result data.



Here, the user might be able to do the following:

6.1.1 Dynamic object ID and name

- The user can enter a reference id and name to the weighing objects to stay unique and search based on the dynamic id and name in the dynamic database (after the result data is being saved) regarding the weighing results of an object.

6.1.2 PDF, print and save

- The user can save the data, generate the result data as an PDF or excel or print the results. All the saved results would be found in the dynamic database.

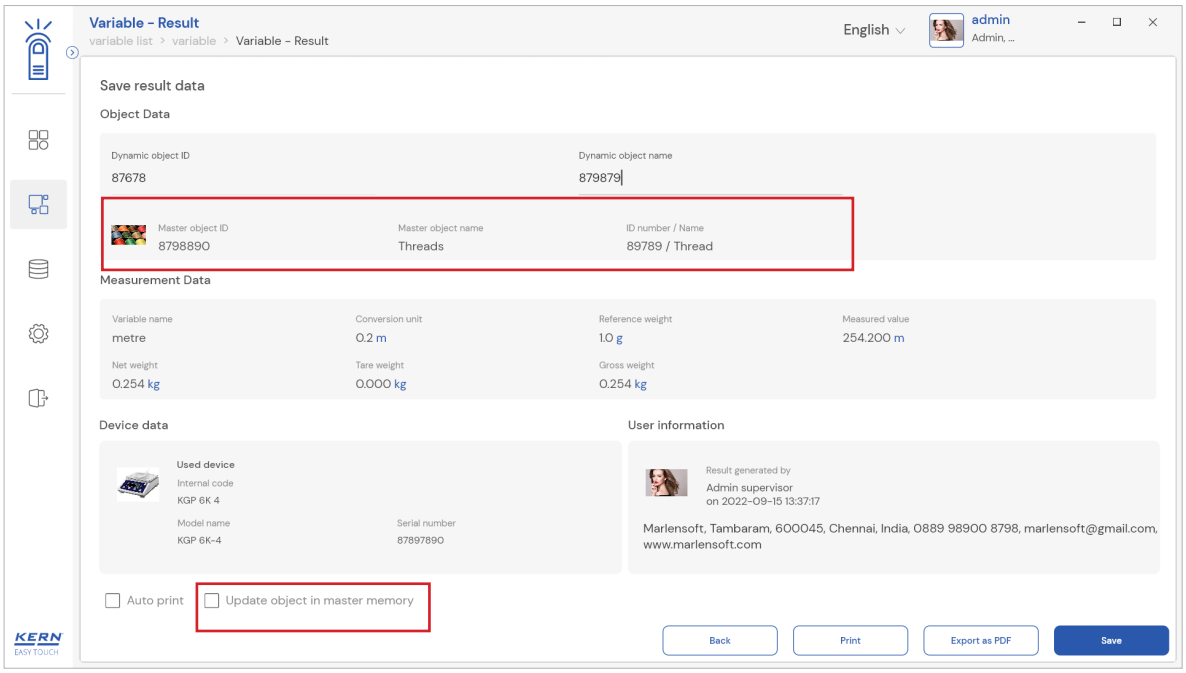
6.1.3 Auto print

- The user will have an option to save and print on a single click. This allows the user to print the data with the measurement ID.

Once the save button is clicked, the balance is again on weighing mode.

6.1.4 Add object from memory

- The user might be able to pick an object from the memory where you can predefine list of objects what you use frequently. The object in the memory can be reutilized.

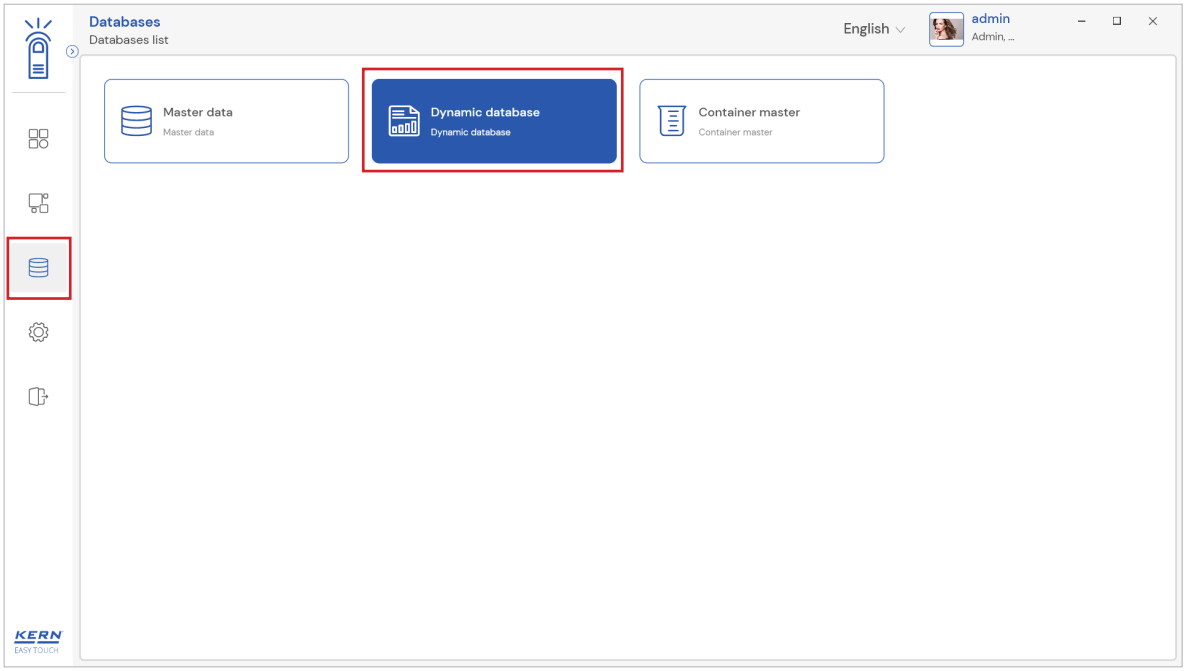


6.1.5 Update object in master memory

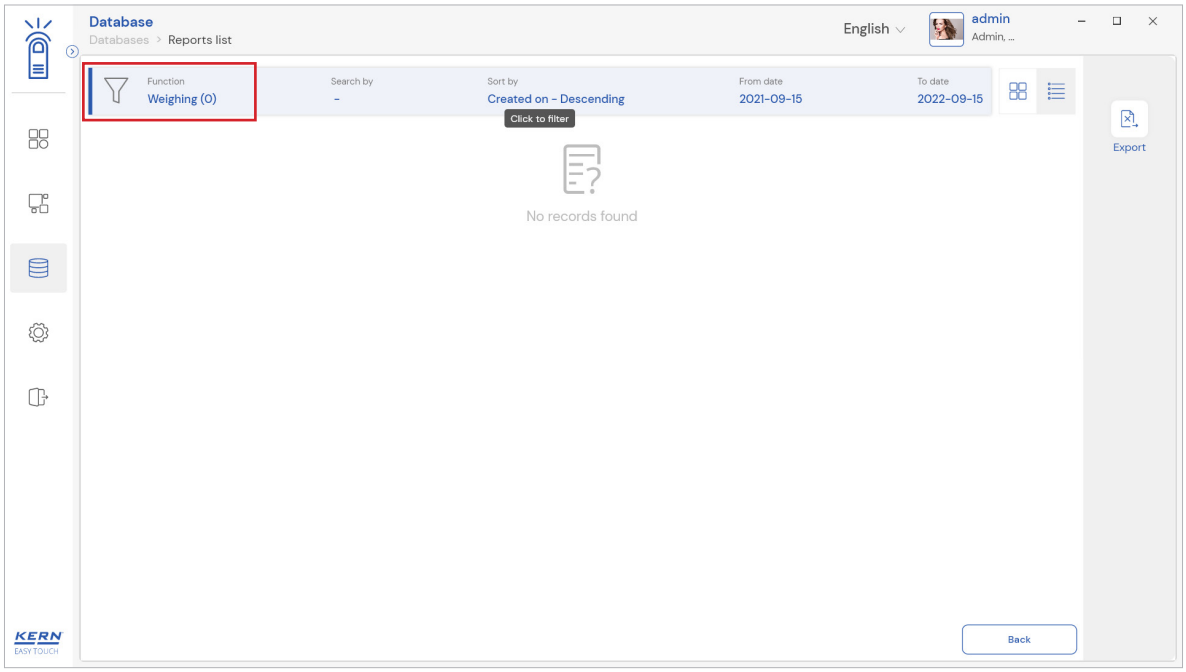
- The user can be able to save the functional properties of the object in the master memory to reutilize the data by clicking on the “update object in master memory”.
- For example, the container weight will be updated in the master memory and can be utilized for future purposes.

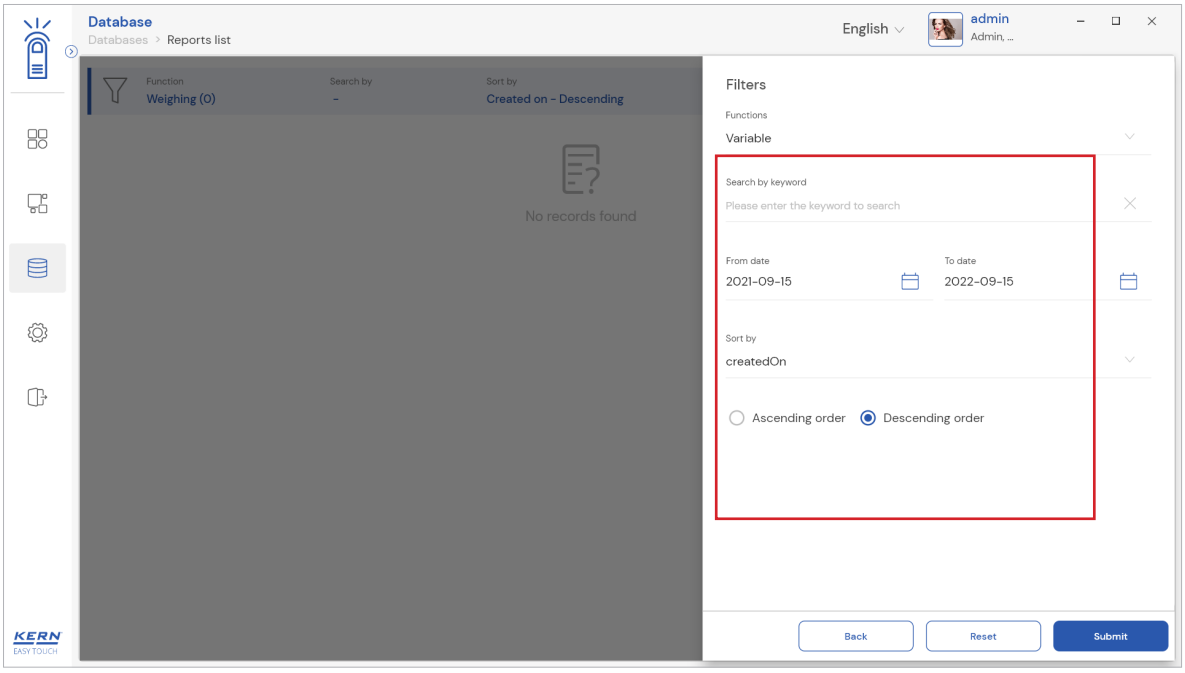
7.0 Dynamic data

All the saved data would be found in the dynamic database. Click on the database icon and navigate to the dynamic database

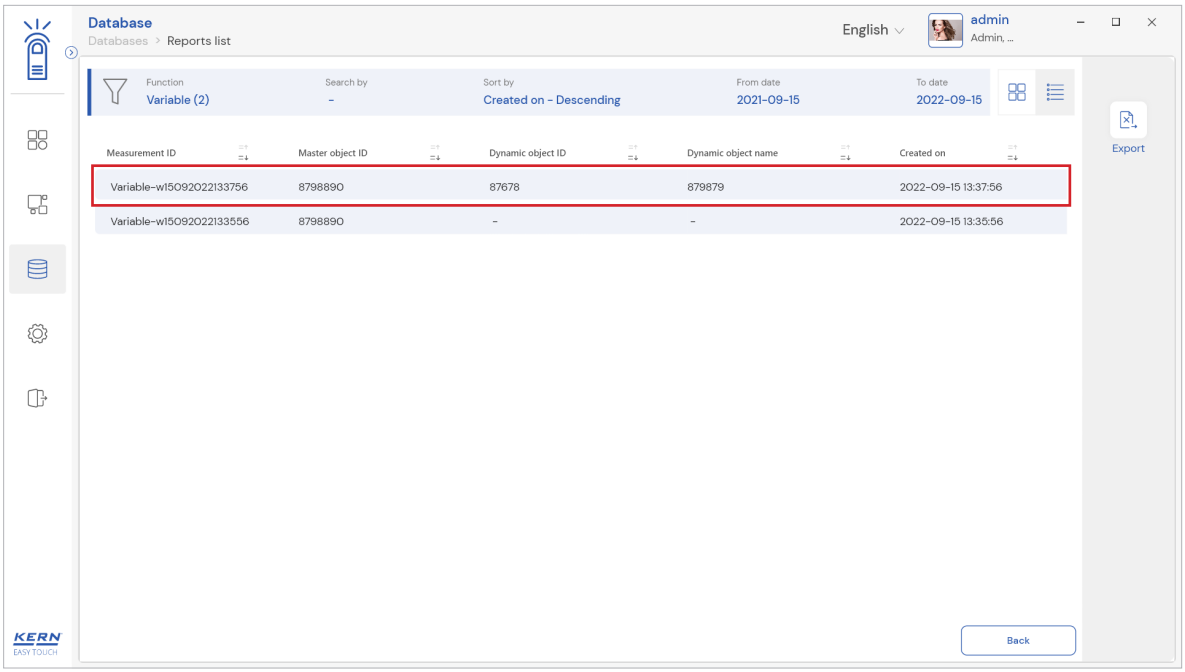


- Click on the filter and the below screen would be displayed. Kindly note, the function weighing would be displayed by default.
- Choose the function variable and set the desired filters

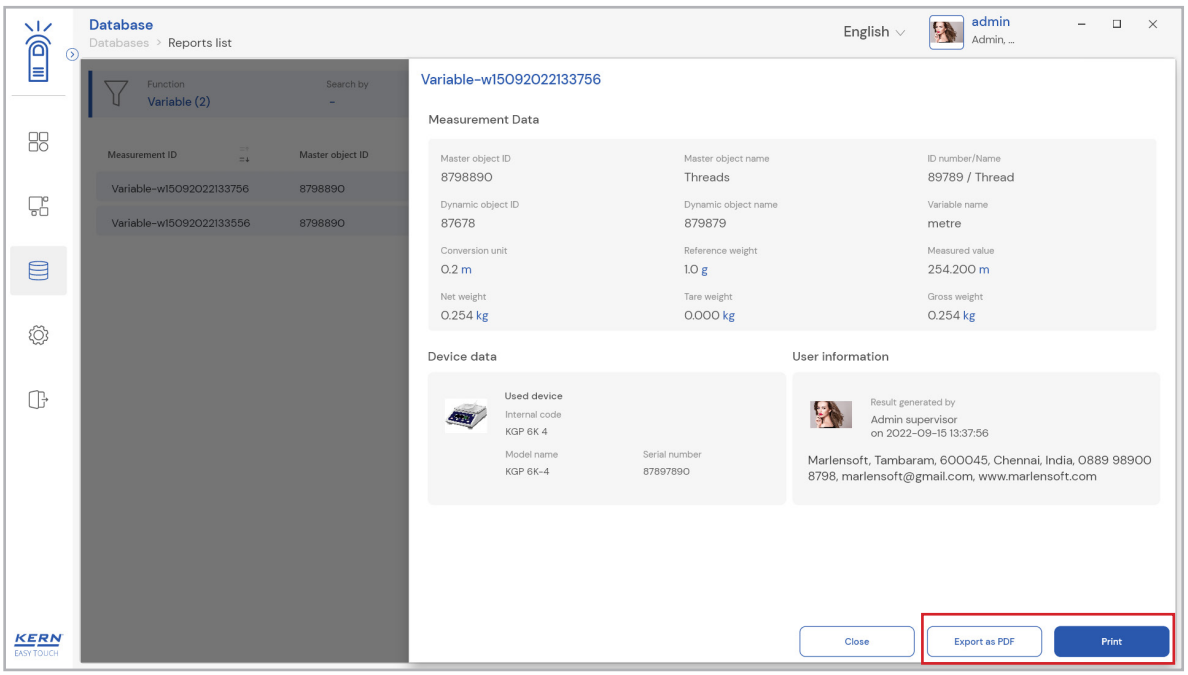




- The list of dynamic data saved against the set filter would be found here
- Click on the required transactional data to see the complete set of details



- The saved data can be printed, exported as PDF and export as excel.



The end