

TOUCH&TINT

ANDROID POS software tinting program

Quick Guide for Installation, Configuration and Use

Software Version: 5.4.0

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INTRODUCTION ABOUT TOUCH&TINT

COROB TOUCH&TINT app is the ANDROID POS software tinting program, ideal tool to work together **with COROB 5G platform based colorant dispensers**.

- Extended support to **all the 5G family dispensers**
- Possibility to communicate directly through the USB connection without the need to have Bluetooth® connectivity (COROB Connect)

Compatible with Android smartphones, it can be found in the **Google Play Store**.

Copy and paste the following path to your browser:

<https://play.google.com/store/apps/details?id=com.corob.touchandtint>

Search “**TOUCH&TINT**” in google playstore

System requirements

- 5G based COROB Dispenser
- Tablet 10” display
- Android (8.0 or higher) operating system
- 2GB RAM
- 8GB Memory
- Bluetooth® 4.0 (not required for communication with USB cable)
- 1280 x 800 screen resolution
- Rear-facing camera
- Bluetooth® printers supported: Epson LabelWorks LW-600P, Seiko DPU-S445, Zebra ZQ120
- **TOUCH&TINT** application not compatible with Smartphones
- An additional OTG cable adapter from micro-USB to USB is required in the case of communication with a USB cable.

INSTALLATION

Be sure to have the following items at your disposal:

1. **TOUCH&TINT software license password** corresponds to your dispenser serial number.
2. **QR-codes** or **.cal file** corresponding to the configuration and calibration of your dispenser (generated with EVOservice)
3. **Code to install your database.**

After the installation on your tablet, at the first launch the **Setup Wizard** will guide you through the steps needed to complete the first program configuration. If skipped, all steps can be executed as separated functions even later.

When all the configuration steps are completed, you need to update the colorant levels in order to start purging and dispensing with the machine.

Upgrade

UPGRADE FROM LOWER VERSION TO RECENT VERSION

Users that are using the lower version can install the new version by simply downloading and updating it from the Play Store. There is no data loss for previously configured data like database, order history, formulas, etc.

The Setup Wizard will not appear, and the program will set up automatically.

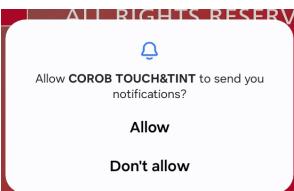
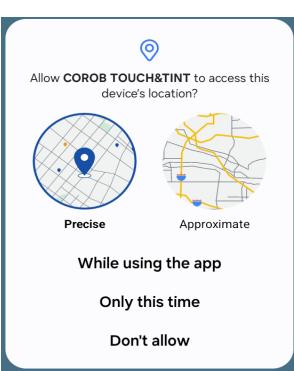
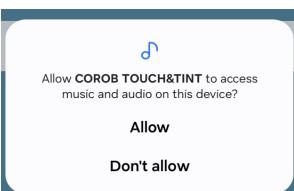
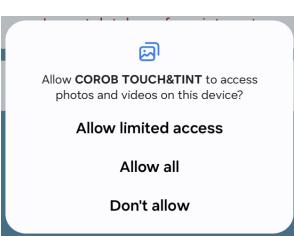
INSTALLATION WIZARD

TOUCH&TINT can be installed and configured only in case the dispenser is connected else will not allow to proceed further.

If the machine is connected, the configuration will be completely done through the Setup Wizard. **It is always best to follow all the steps suggested by the Wizard.**

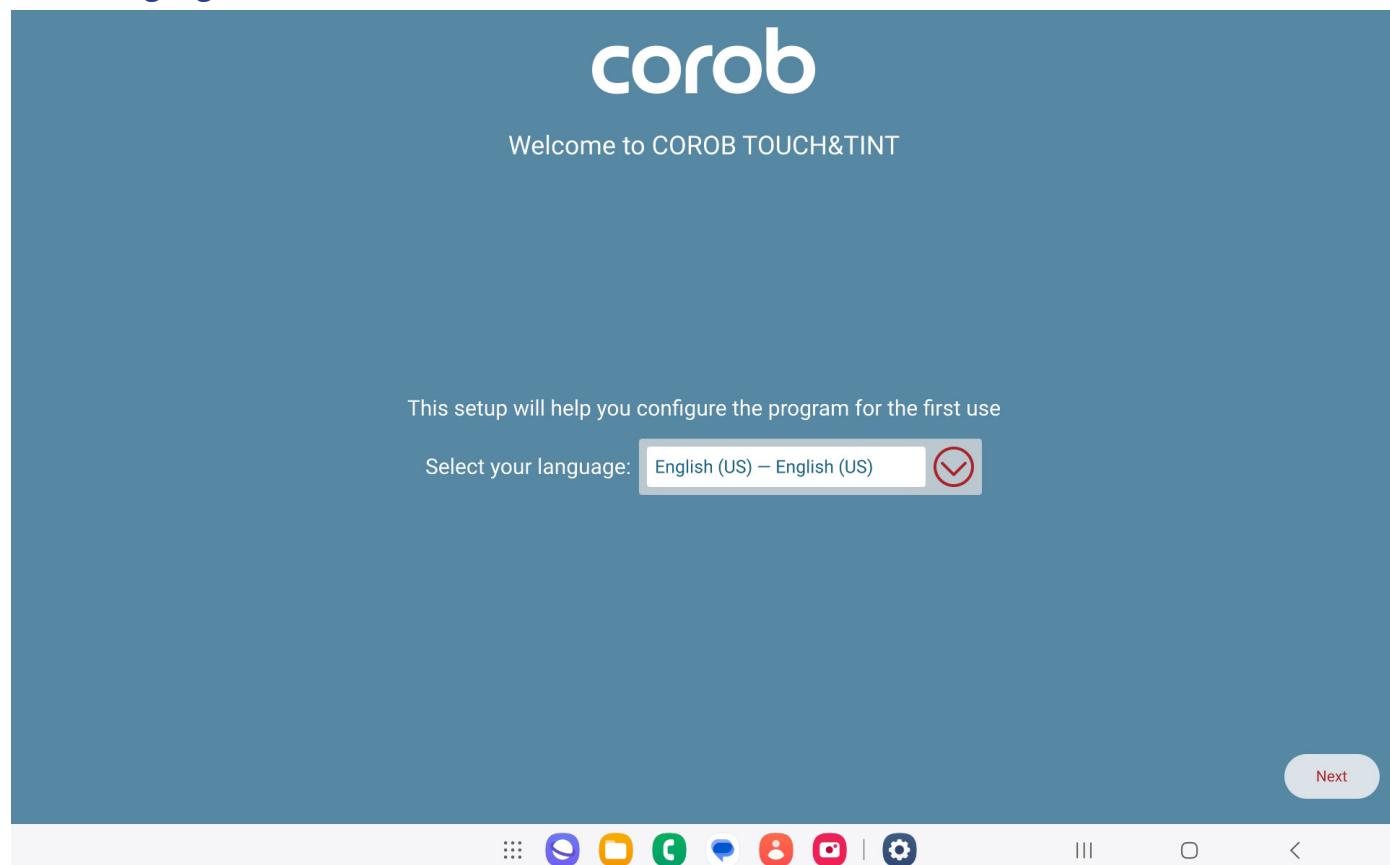
When the TOUCH&TINT installation progresses, the program asks people to have access to certain rights. It is necessary to allow this, otherwise the program will not work. When asked to activate **Bluetooth® (1)**, the user can deny this request, in case, for example, you wish to make a cable connection with the machine. **Permission to send a notification(2)** is a service running in the background to share a weekly – daily tinting summary with the user. **Access to device location (2)** is also not compulsory but recommended.

The program also asks you to **access (3) audio files, (4) image & video files**, if you deny access to those files, you will have to reset the application settings of the device's operating system later, which can be a tricky operation. Allow access **the camera to scan QR (5)**.

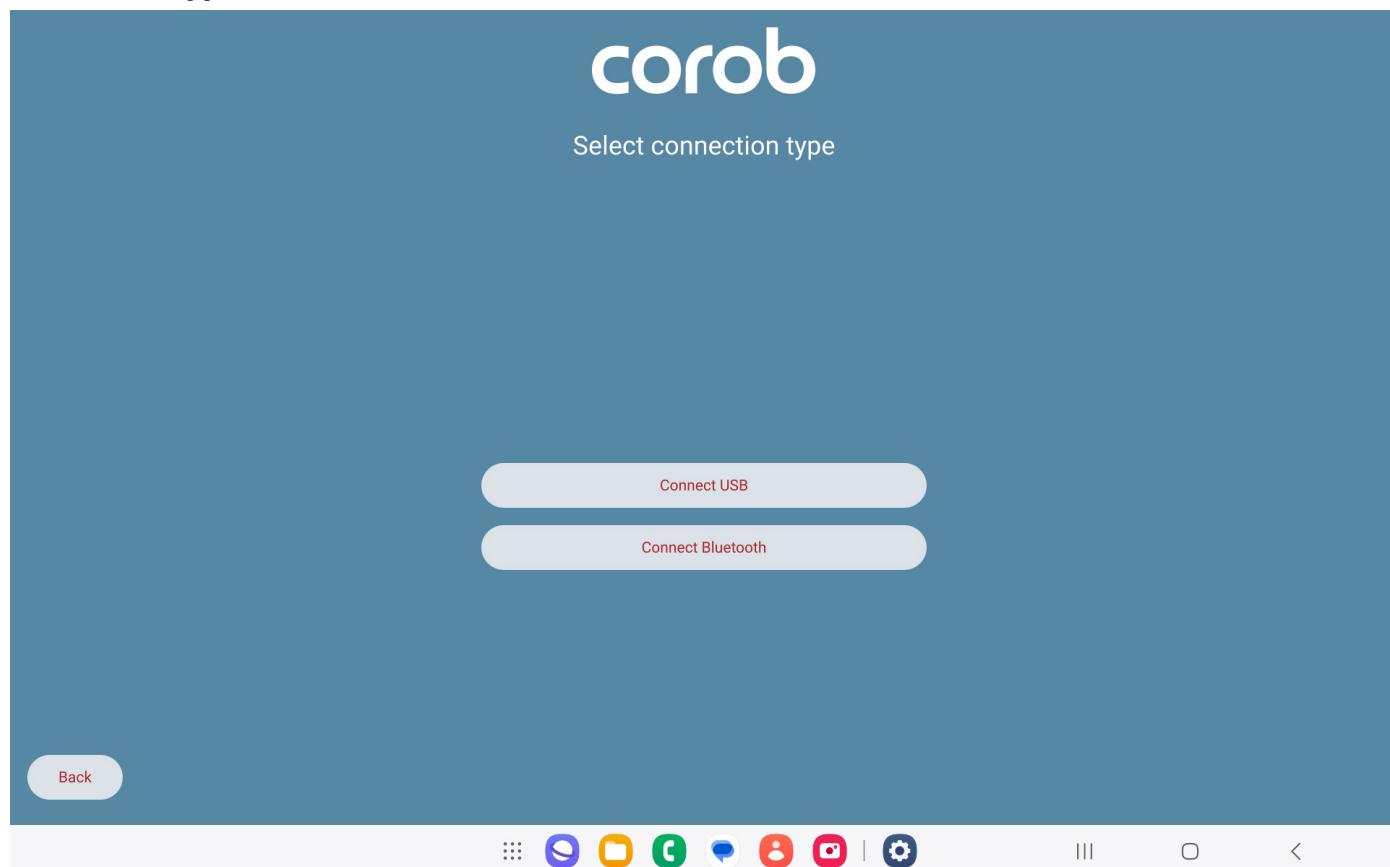
1. 
2. 
3. 
4. 
5. 
6. 

Installation wizard: Procedure

Select language



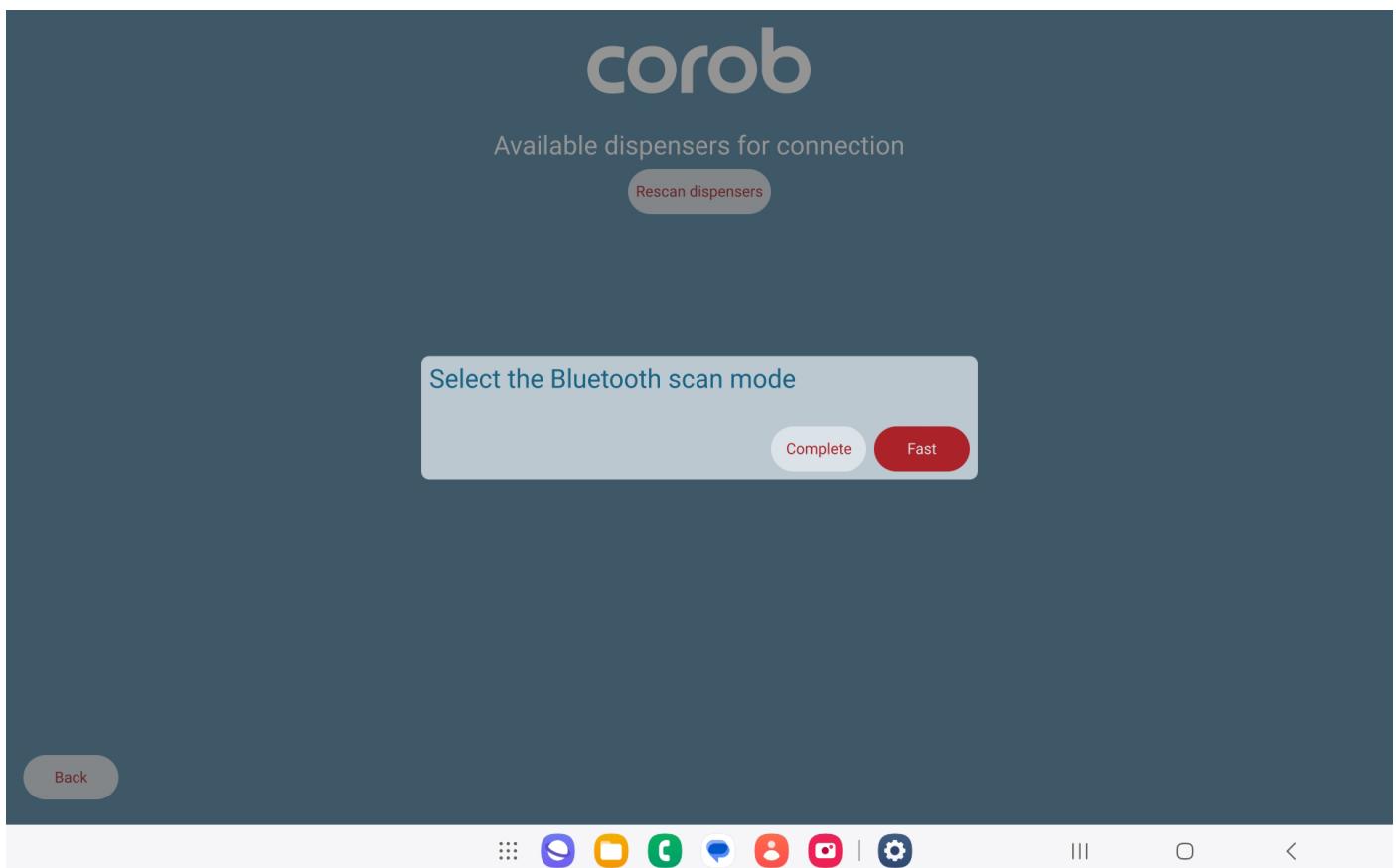
Connection type



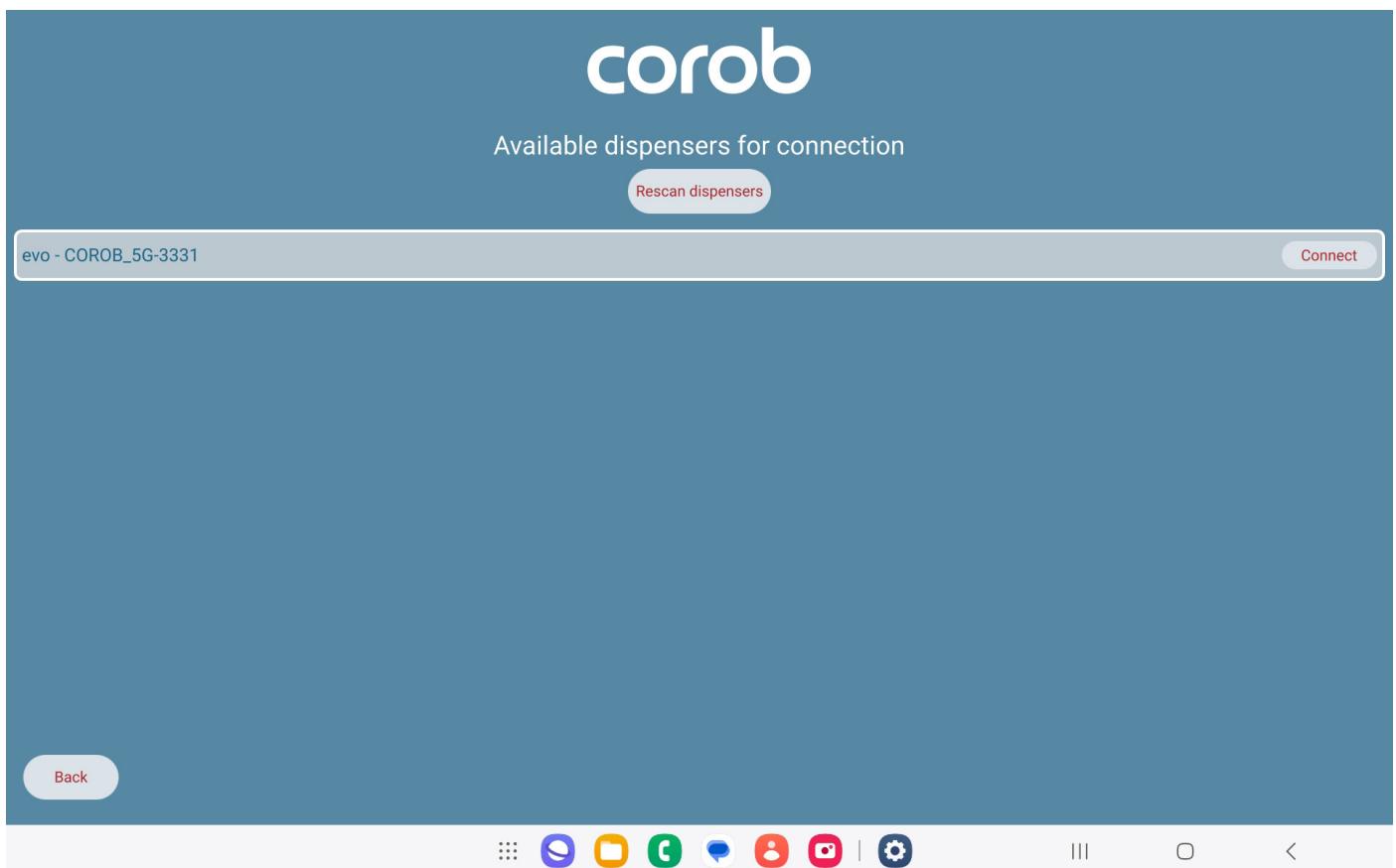
- **Connect USB**
- **Connect Bluetooth** in two modes:

8 - Installation wizard

- Select **Fast** in case if you know the Bluetooth name of dispenser that identifies dispenser quickly .
- Select **Complete** which displays dispenser serial Id and takes comparatively more time to identify dispenser.



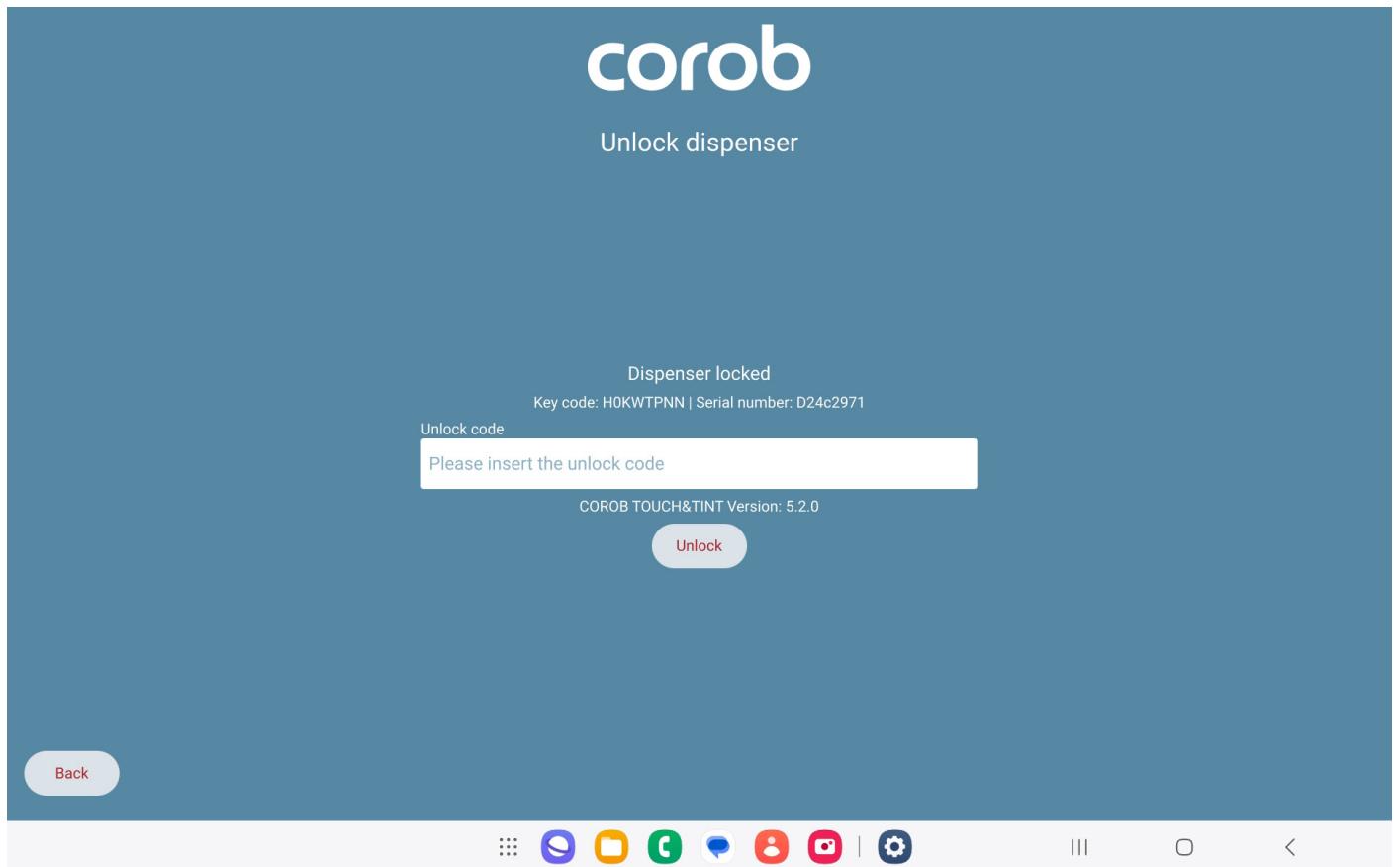
- The results obtained from the **Fast Scan** displays Bluetooth name of the dispenser.
- On establishing a successful connection, the connected dispenser is marked as **Dispenser connected**.
- The connected dispenser can be disconnected from the device using **Disconnect** button.



Unlocking android app protection

To avoid unwanted access to Android applications, the machine unlock step is added as mandatory during the installation. Without an unlock code, the user won't be permitted to enter the application. Steps to generate unlock code:

- Send COROB the **KEY CODE**.
- You will receive an **UNLOCK CODE**.
- Type here the unlock code for the machine serial number indicated.



Insert information about your shop (Point of Sale)



NOTE

Once entered, the Shop name cannot be changed anymore.

It identifies univocally the Shop when the same database is used and is indicated in the Orders History that is sent to the Cloud. So, take care to enter it correctly right from the beginning, because it allows to correctly synchronize data in the Cloud.

NOTE: The Shop data definition can also be done if the machine is not yet connected.

corob

Configure Point of Sale info

Customer name

POS

Dealer code



Company name

Email

Phone number

Address

City

Zip code

Country

State

[Back](#)[Next](#)

Select if you want to enable/disable operators management

If you enable operator's management, you can choose to activate a Guest operator, whose access is not protected by password.

The Guest operator can only access the basic program functions and cannot change, e.g., the program settings or prices.

The screenshot shows a configuration screen for enabling operators. At the top, the corob logo is displayed. Below it, the title "Enable Operators" is centered. A descriptive text below the title reads: "Choose whether operators management should be enabled or not. If operators management is disabled, the log-in phase is skipped." Three radio buttons are provided for selection:

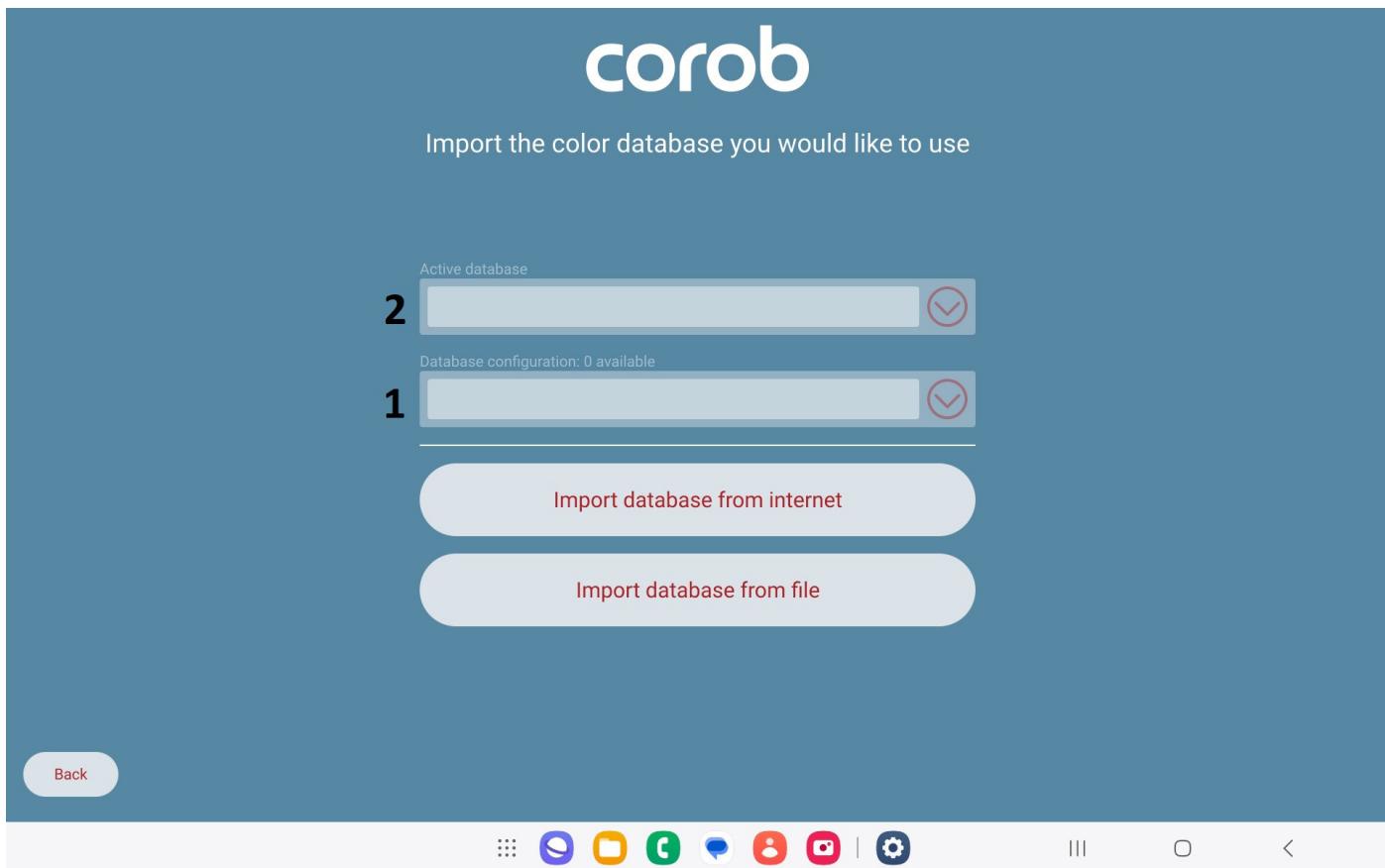
- Operators disabled
- Operators enabled
- Enable guest operator

At the bottom of the screen, there are "Back" and "Next" buttons. Below these buttons is a navigation bar with various icons: a grid, a blue square, an orange square, a green square, a blue speech bubble, a red person icon, a red camera icon, a blue gear icon, and a left arrow icon. To the right of the navigation bar are three small square icons: a blue square with three horizontal lines, a white square with a blue border, and a white square with a blue arrow pointing left.

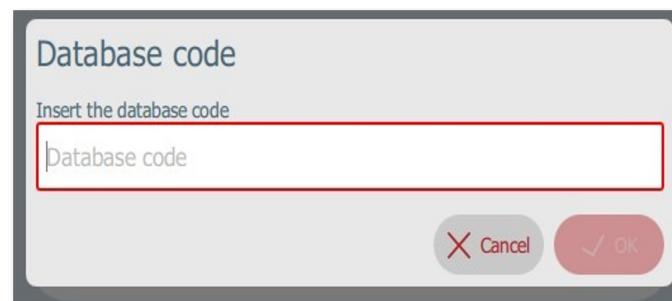
12 - Installation wizard

Import your database from the internet

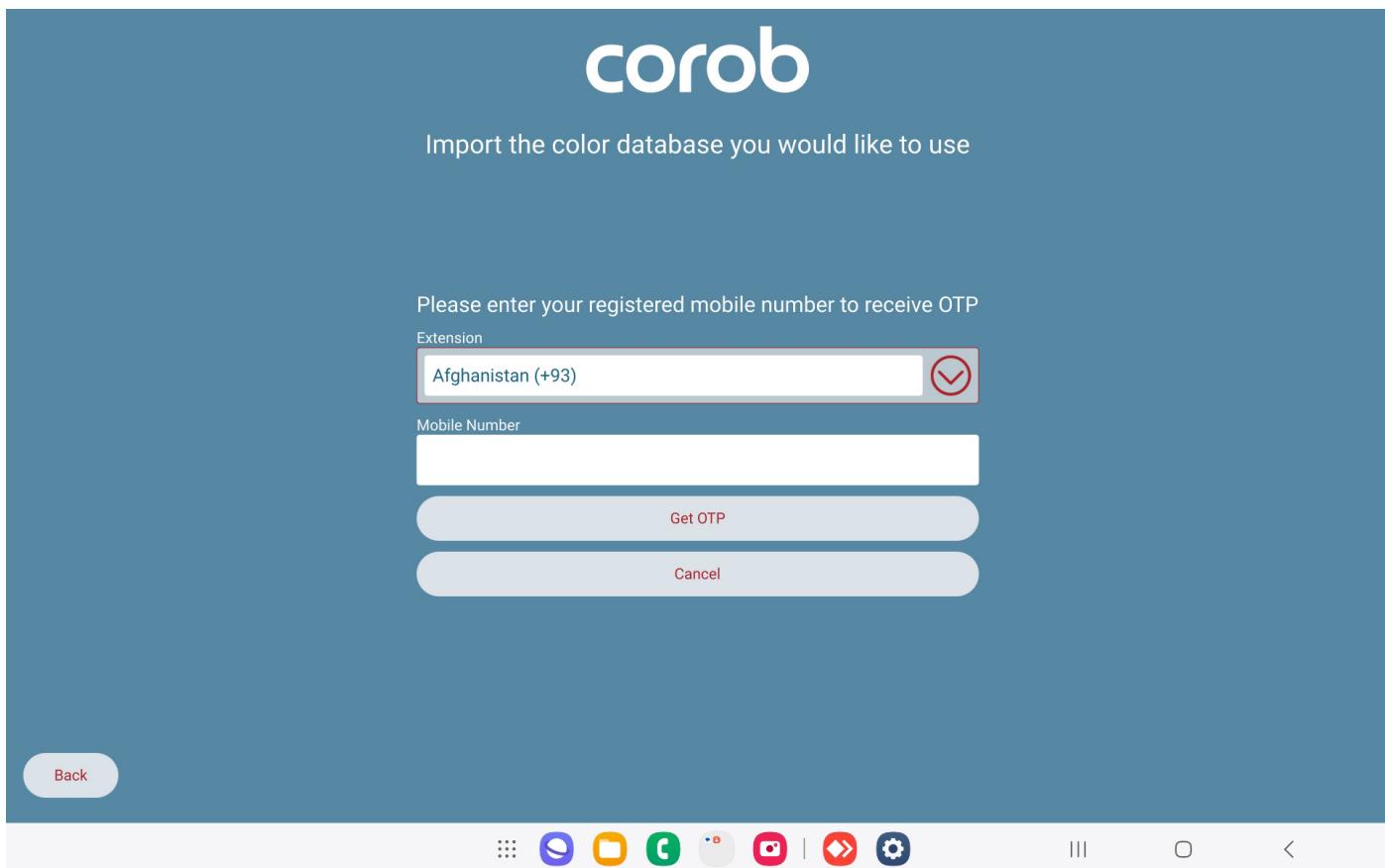
- You can view the list of all enabled databases and can switch the database to apply and use it in the program (1).
- You can view the list of all available databases and can configure it for usage (2).
- You can create your own database on the cloud (<http://www.corob-cloud.com>) with 2F-Authentication.
- To enhance data security and ensure authorized access, a Two-Factor Authentication (2FA) feature has been introduced during the XData import process in corob cloud as well as in POS.



- The database code is made up of 6 characters. A valid database code is necessary to proceed with this step.

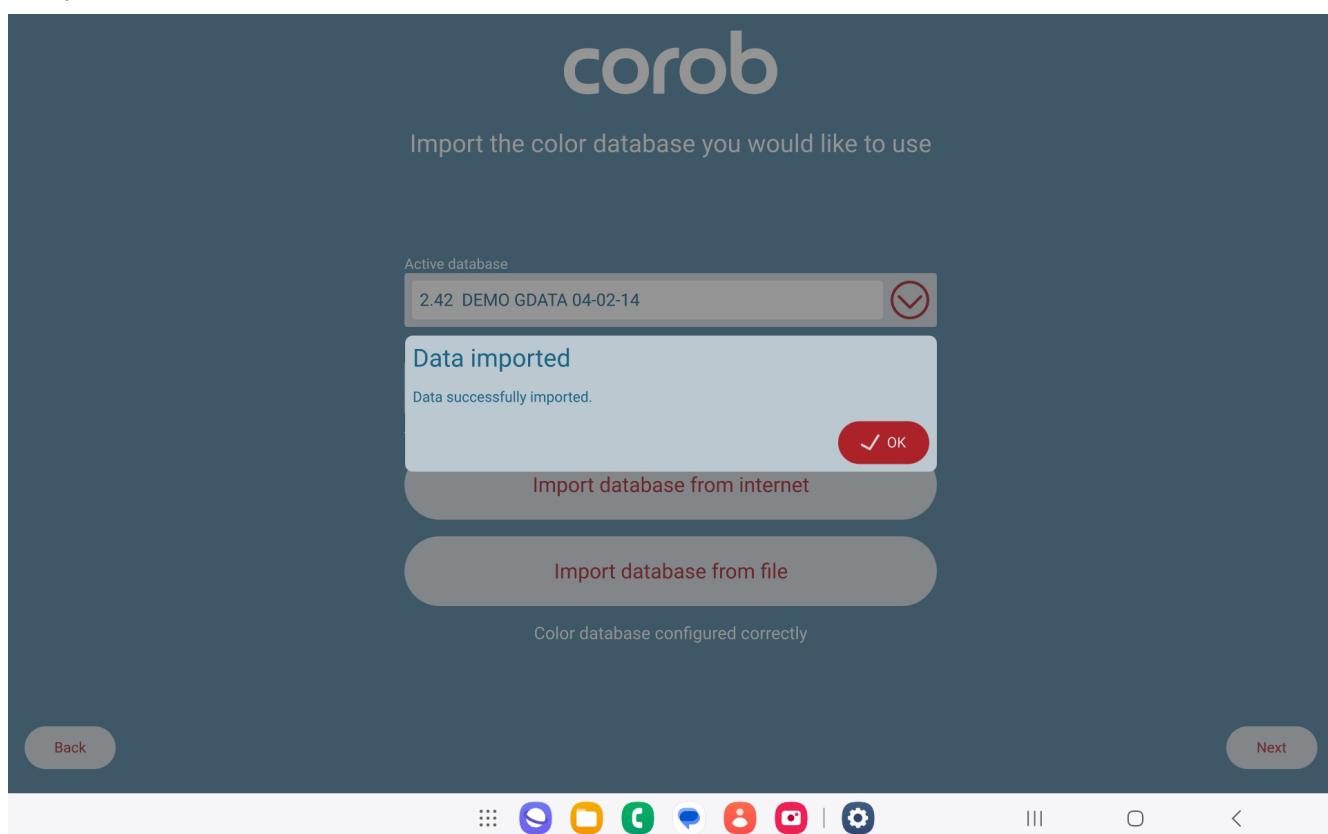


- On adding database code that has 2FA enabled on COROB Cloud, the users will now be directed to a pop-up page for verification.



On this page, users must:

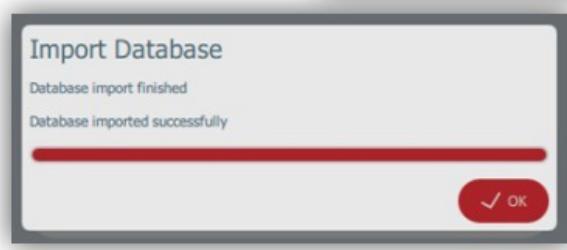
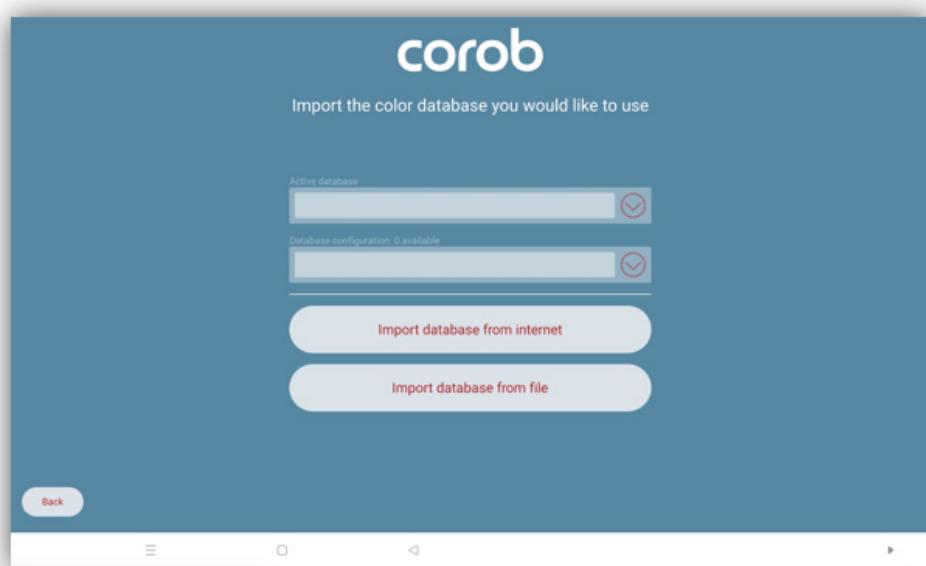
- Select the country in extension dropdown
- Enter the mobile number of the COROB Cloud-linked Service Engineer
- An OTP (One-Time Password) will be sent to the number entered
- Upon successful OTP validation, the XData import will proceed
 - Be sure to complete the database import. The message **Color database configured correctly** indicates that the import process was successful.



Import the database from the file

Connect the USB stick or search for the file in the desired path.

Be sure to complete the database import. The message **Color database configured correctly** indicates that the import process was successful.



Transfer of colorant configuration and calibration data

- Colorants configuration and calibration data can be transferred to POS now in two ways:
 - QR
 - File transfer



NOTE

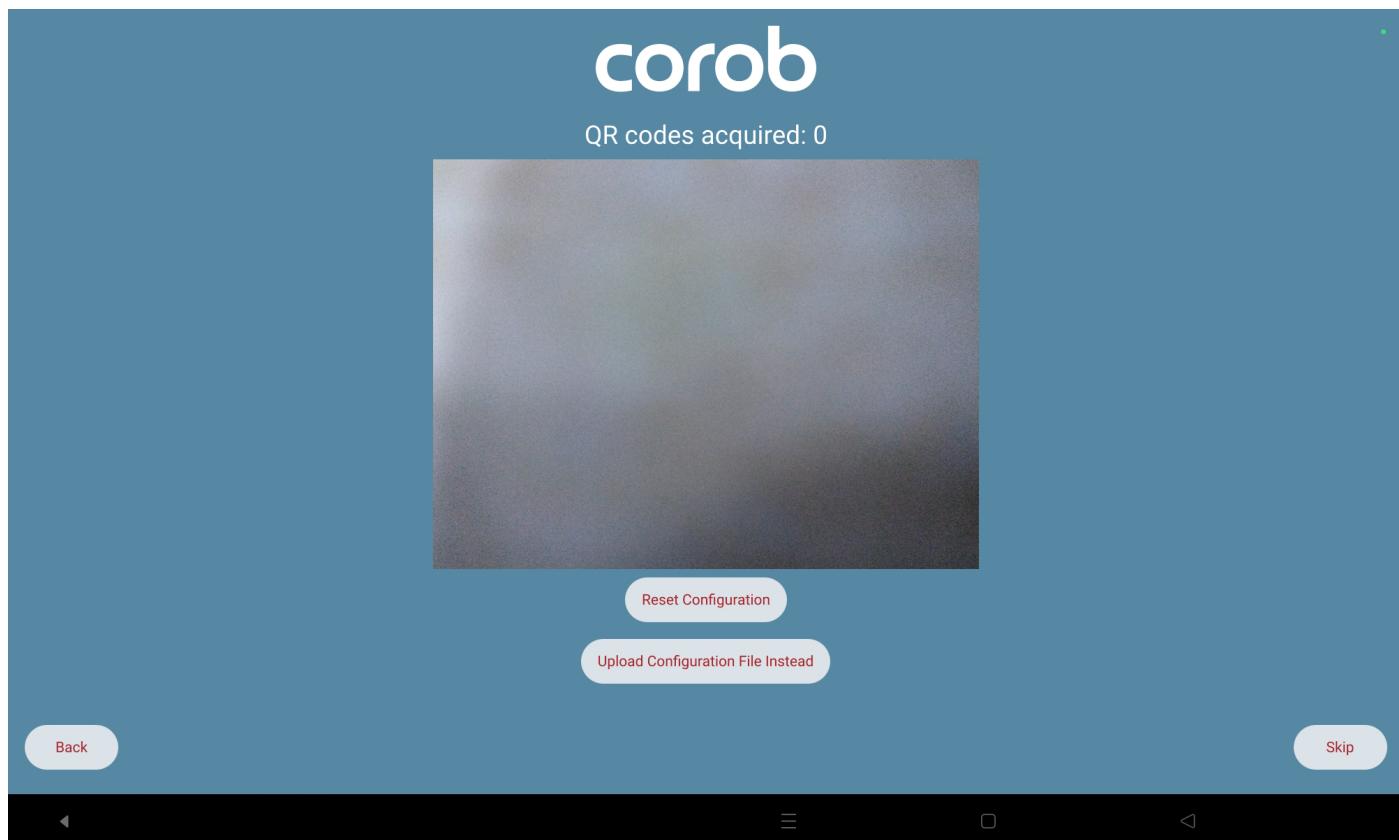
Since multiple QRs need to be scanned, a file transfer method is preferable.

- Reset QR Codes** button is clicked to clear previously configured data. In such cases ones we capture new data, it is mandatory to restart application ones.

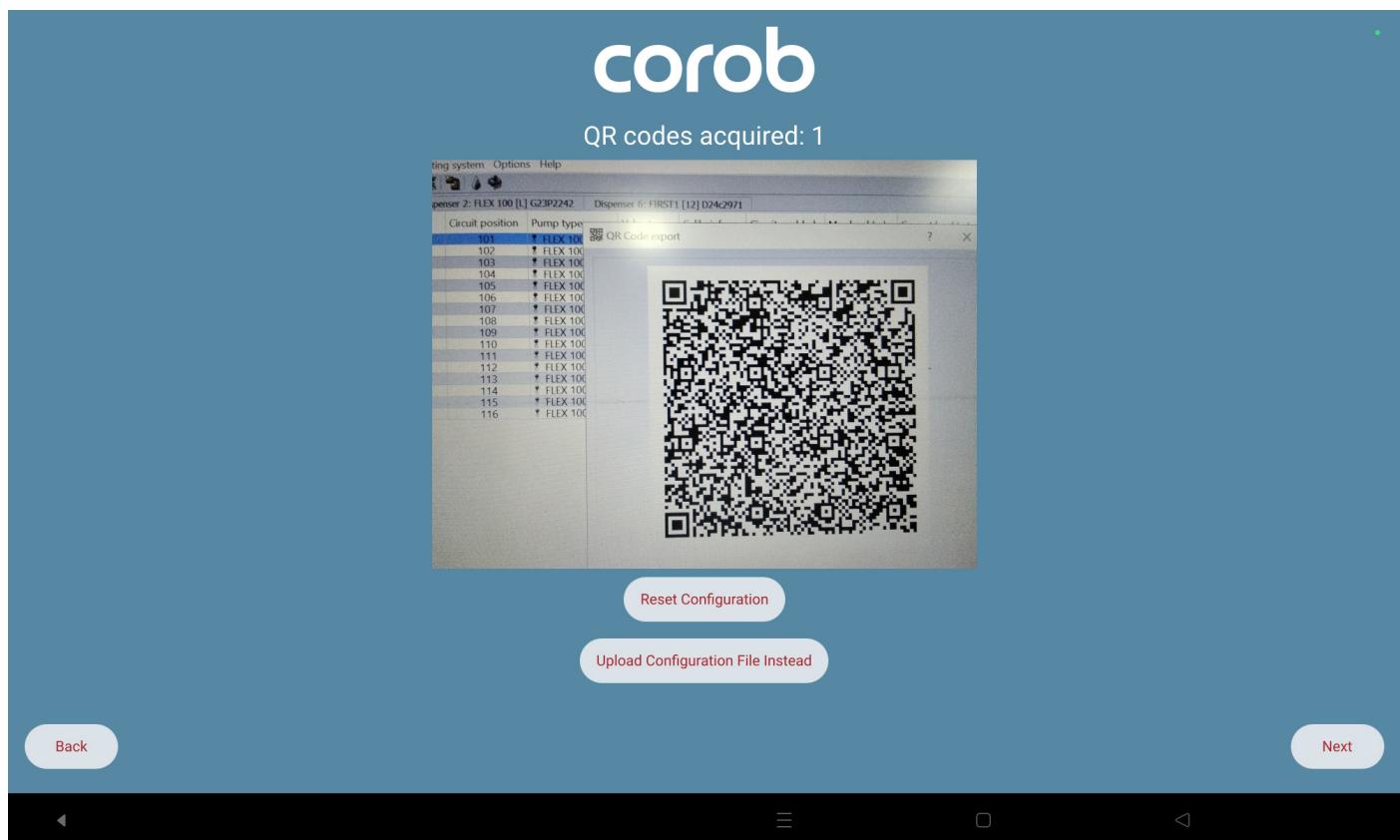


NOTE

IMPORTANT! THE DATABASE MUST ALWAYS MATCH WITH THE QR CODES/ .cal file .



Read the QR CODEs



1. You have to allow the program to access the device camera in order to read the QR code.



2. Then, you must select the QR code created by EOservice generated during machine configuration.

	Pump type	Valve type	Calib. info	Circuit enabled	Max level (cc)	Current level (cc)	Max dispensing speed (%)
1	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	974.46	50
2	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	2300	957.9	50
3	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	1000	50
4	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	994.16	50
5	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	1000	50
6	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	2300	998.37	50
7	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	987.18	50
8	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	1000	50
9	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	999.84	50
10	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	2300	999.67	50
11	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	998.37	50
12	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	1000	50
13	* FLEX 100 Piston	Nozzle Valve	No calibration	✓	1500	1000	50
14			calibration	✓	2300	999.74	50
15			calibration	✓	1500	1000	50
16			calibration	✓	1500	1000	50

Create the minimal tinting system in EOservice.

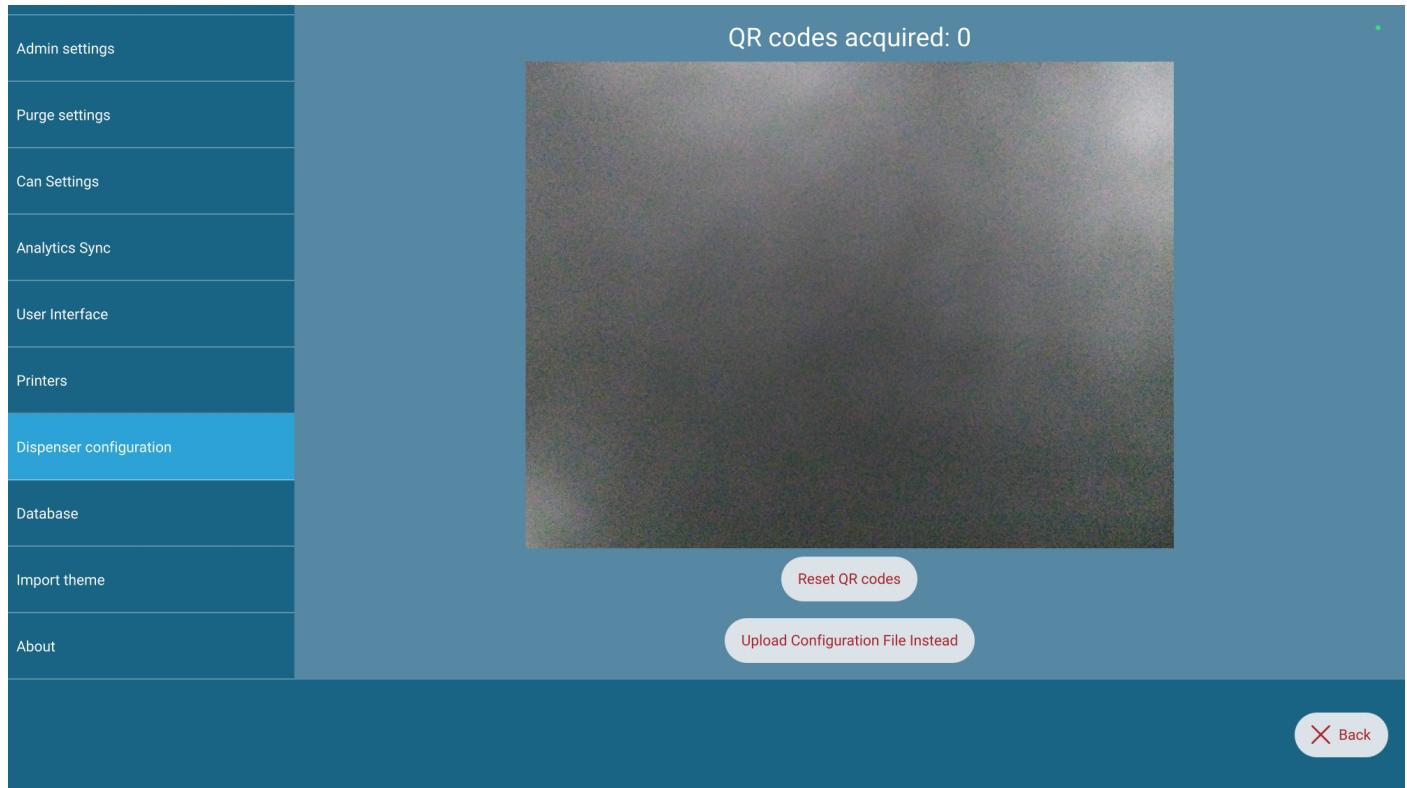
Read all the QR codes that EOservice generates.



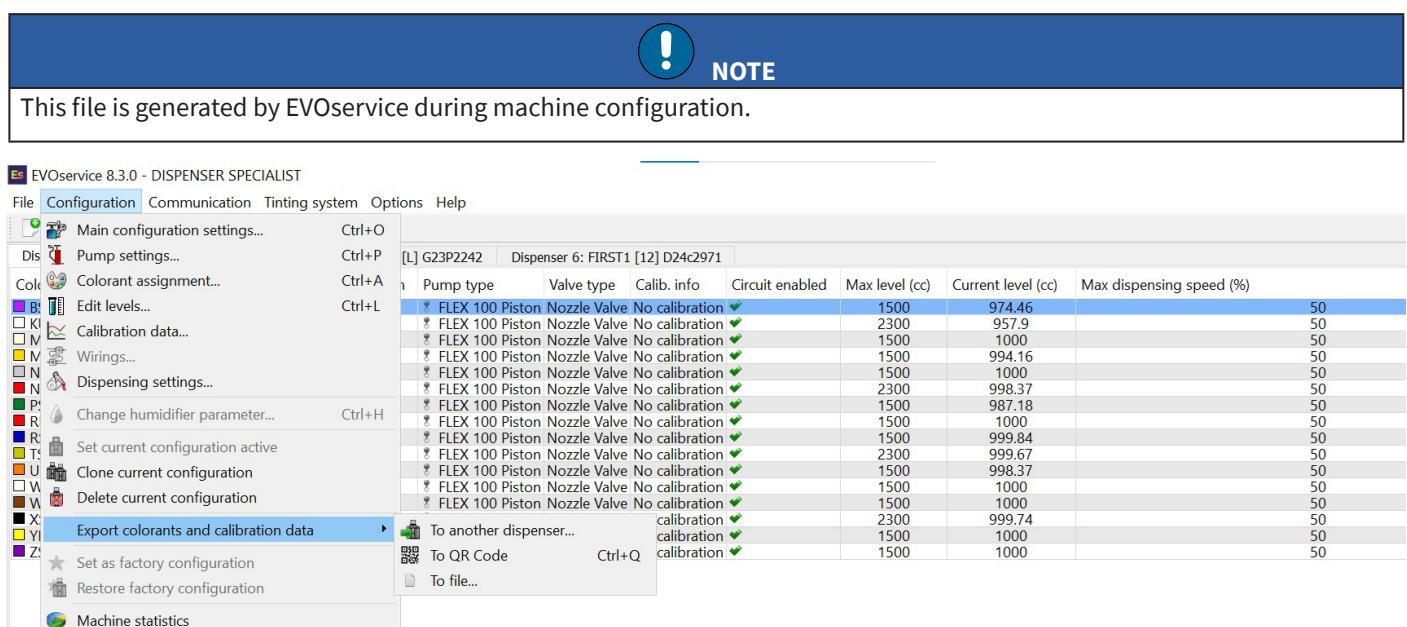
NOTE

Import the corresponding database from the Cloud.

Read the File saved in the download/ document folder (local path of android)



1. Click on **Upload Configuration File Instead**
2. Capture the file saved in the local path of android(.cal file)



3. On uploading a file within a split of a second, we get a configuration success message.

Level configuration

Canister	Current Level	Last Refilled	Refill
1. BS - MAGENTA	0 / 2500 ml	Last used: [empty]	
2. KU - WHITE	0 / 2500 ml	Last refilled: [empty]	
3. MEDIUM - WATER PRODUCT	0 / 2500 ml	Last used: [empty]	
4. MS - YELLOW LC	0 / 5000 ml	Last used: [empty]	
5. NEUTRAL - WATER PRODUCT	0 / 5000 ml	Last used: [empty]	
6. NS - RED LC	0 / 2500 ml	Last used: [empty]	

Canister	Current Level	Last Refilled	Refill
1. BS - MAGENTA	1000 / 2500 ml	Last used: [empty]	
2. KU - WHITE	1000 / 2500 ml	Last refilled: 2025-04-30 10:55	
3. MEDIUM - WATER PRODUCT	1000 / 2500 ml	Last used: 2025-04-30 10:55	
4. MS - YELLOW LC	3000 / 5000 ml	Last used: 2025-04-30 10:55	
5. NEUTRAL - WATER PRODUCT	3000 / 5000 ml	Last used: 2025-04-30 10:55	
6. NS - RED LC	1000 / 2500 ml	Last used: [empty]	

You can fill the levels using a **refill can size** (i.e. a fixed quantity) or set a different quantity, to be applied to the single canisters or to all of them.

- **Usage and Refill Tracking** . For each colorant, the system displays:

- The most recent dispensing activity (last usage).
- The most recent refill entry.

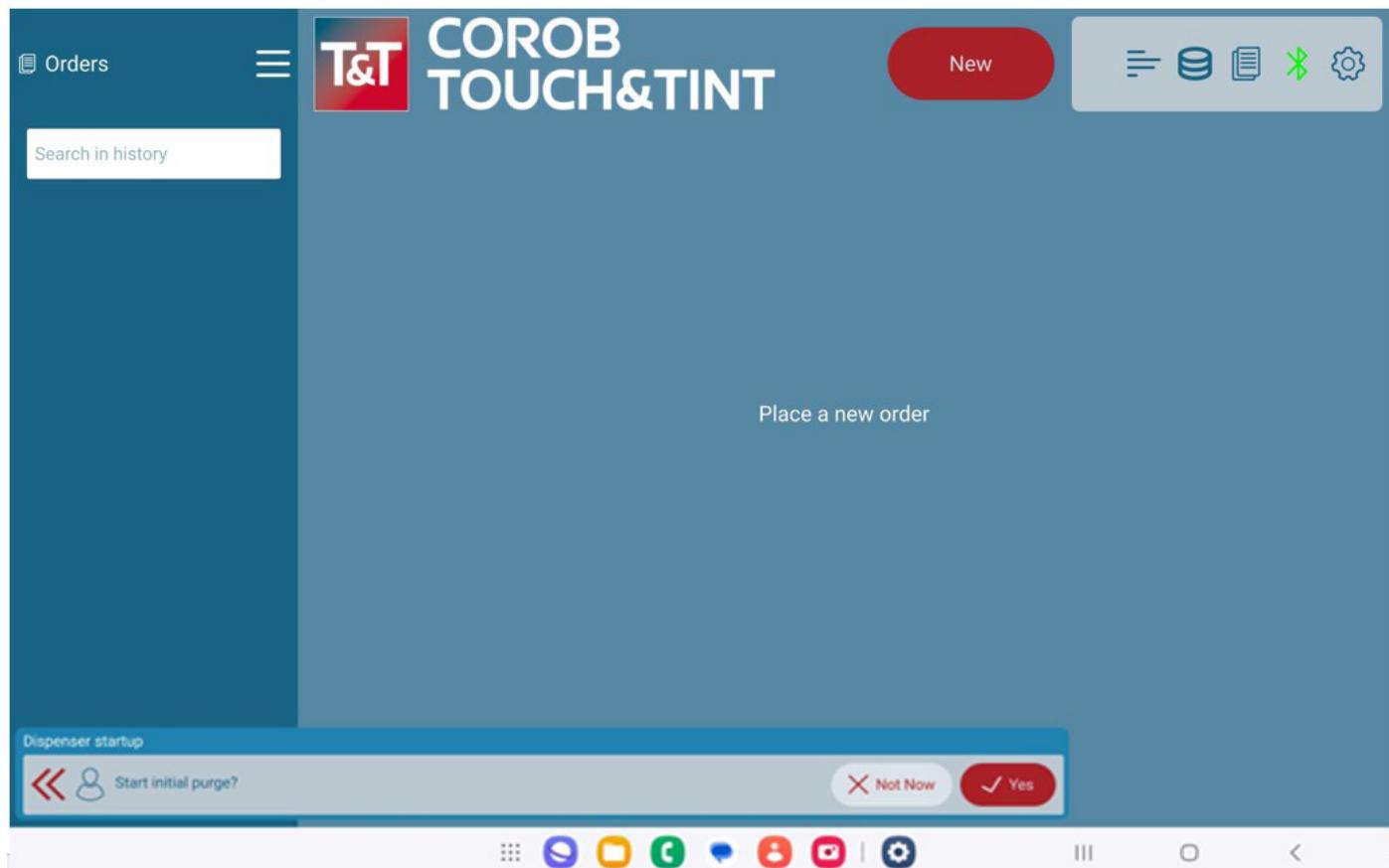
This allows users to maintain better visibility and traceability of colorant consumption, helping ensure optimal inventory management and timely refills.

	The current level is below the critical level. Tinting a formula with this colorant will not be allowed.
	The current level is double the value of the critical level. Tinting is not prevented, but the program warns you to check colorant level.

MAIN SCREEN

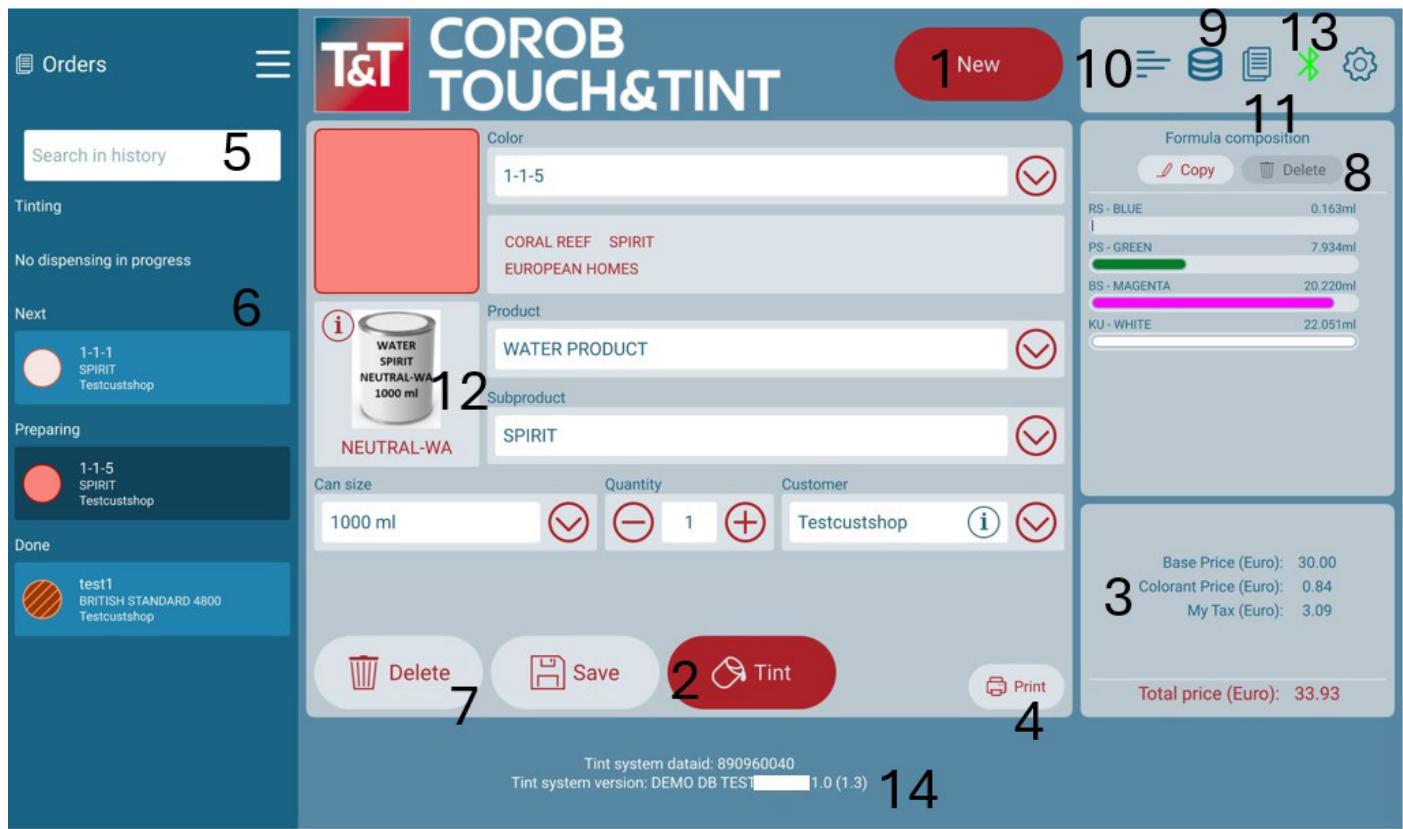
This is the main screen after correct configuration, machine unlock, levels setting.

It asks for **Initial Purge** which is recommended.



Using the  button, you can customize display mode, by hiding or showing the area on the left (orders status).

Main screen: workspace description



In this screen it is possible to:

1. Create a new order.
2. Dispense the selected order.
3. View prices.
4. Print labels.
5. Filter orders.
6. View last created / dispensed orders.
7. Delete / Edit / Save an order.
8. Delete / Modify a custom formula not yet dispensed or clone a non-custom formula or an already dispensed one.
9. Choose the Database.
10. Click **Navigation** to level page from the main screen.
11. Click **Orders** to navigate to Order history from main screen.
12. View the base image which is available in XData.
13. Shows dispenser is connected via Bluetooth (Green indication)
14. Database ID, Version with major and minor updates will be visible at the bottom of the screen on the landing page.

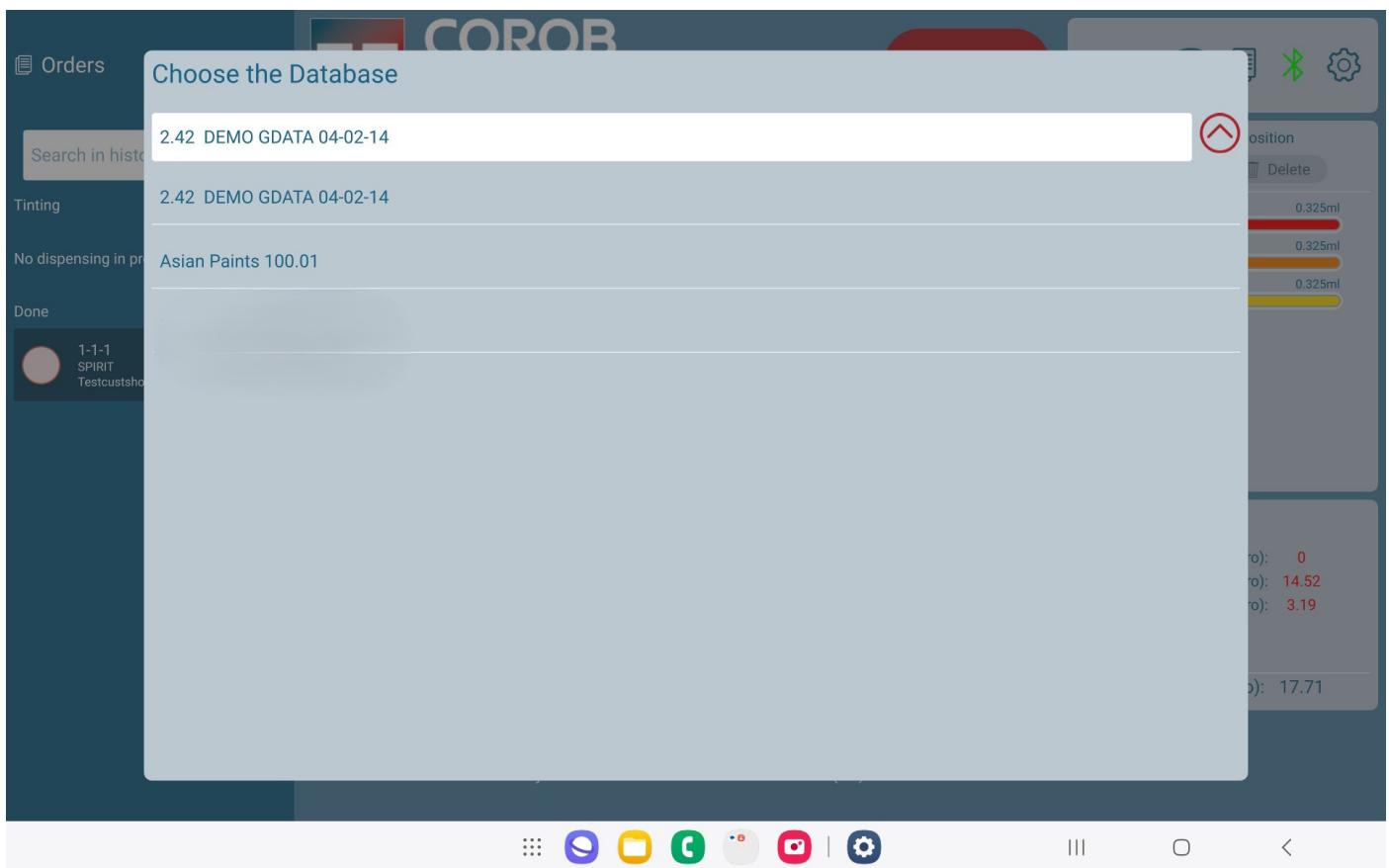


NOTE

Prices are shown in blue color to indicate that all price data have been correctly configured and no data is missing.

Choose the database

Click on the database icon  to select the database.

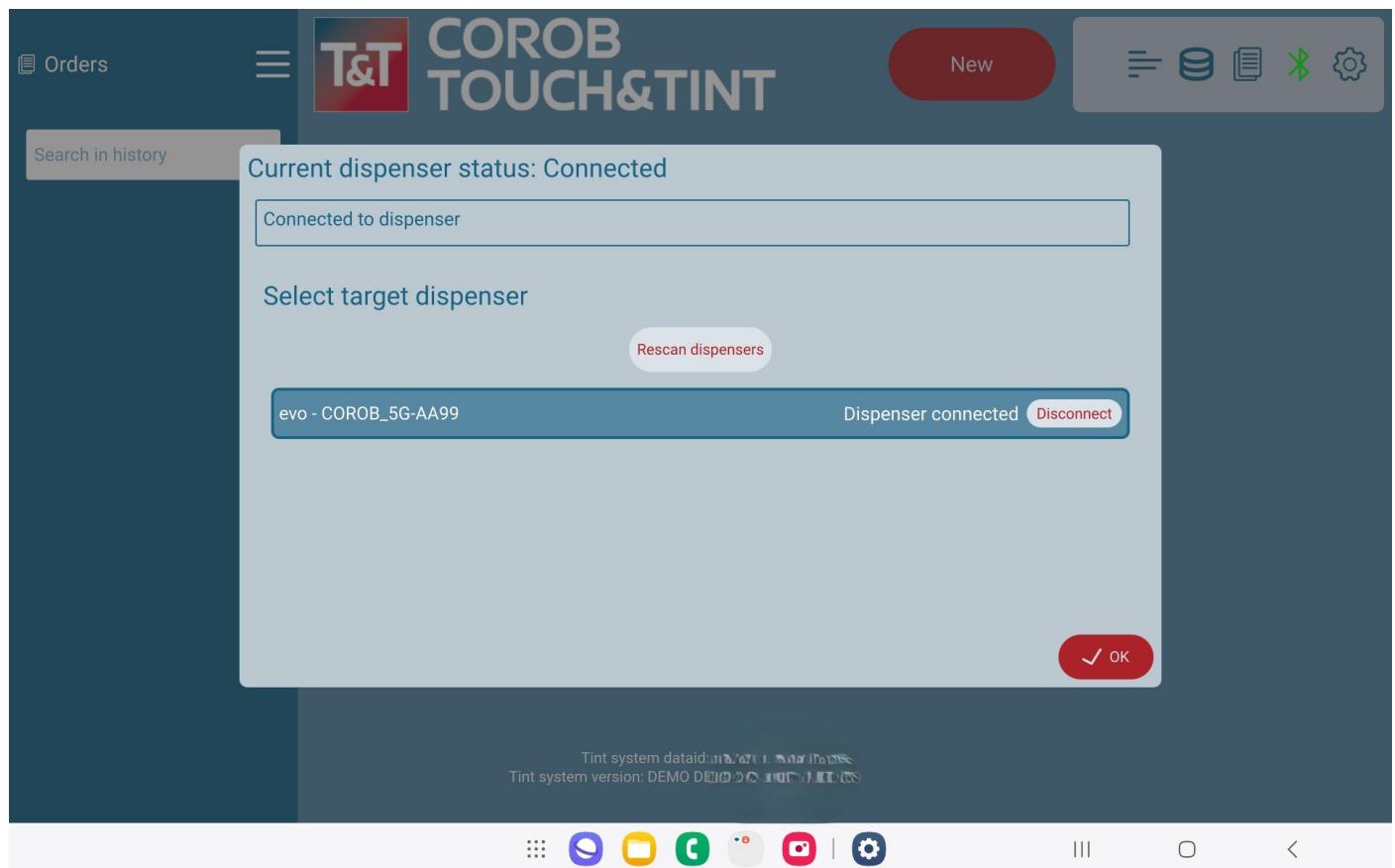


Dispenser

You have to select the dispenser present in the list.

It will show the status of dispenser.

This screen loads the list of available dispensers in the Bluetooth vicinity. You can initiate the scan explicitly using **Rescan Dispensers**.



Create order

Press the **NEW** button. Select Formula, Product and Subproduct, Can size, N° of cans to be dispensed and customer's name that will be associated with the order.

A saved formula is available in the formula list. Two symbols in the top right allow you to filter custom, standard and favorite formulas.

Color Preview Selection: Users can now select a color directly by clicking the **Color Preview** icon during recipe selection.



On the right are the colorants used in the formula of the selected order.

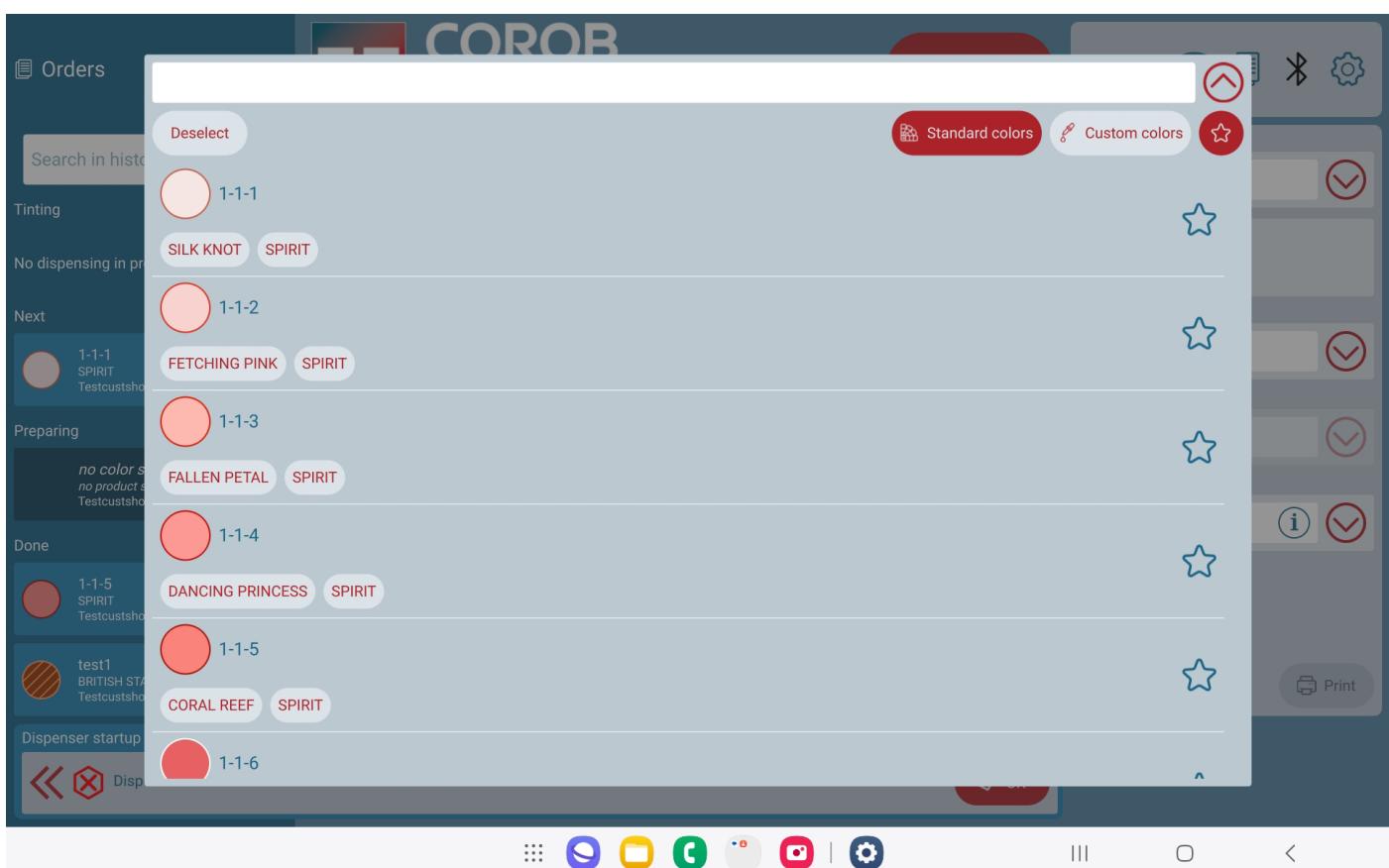
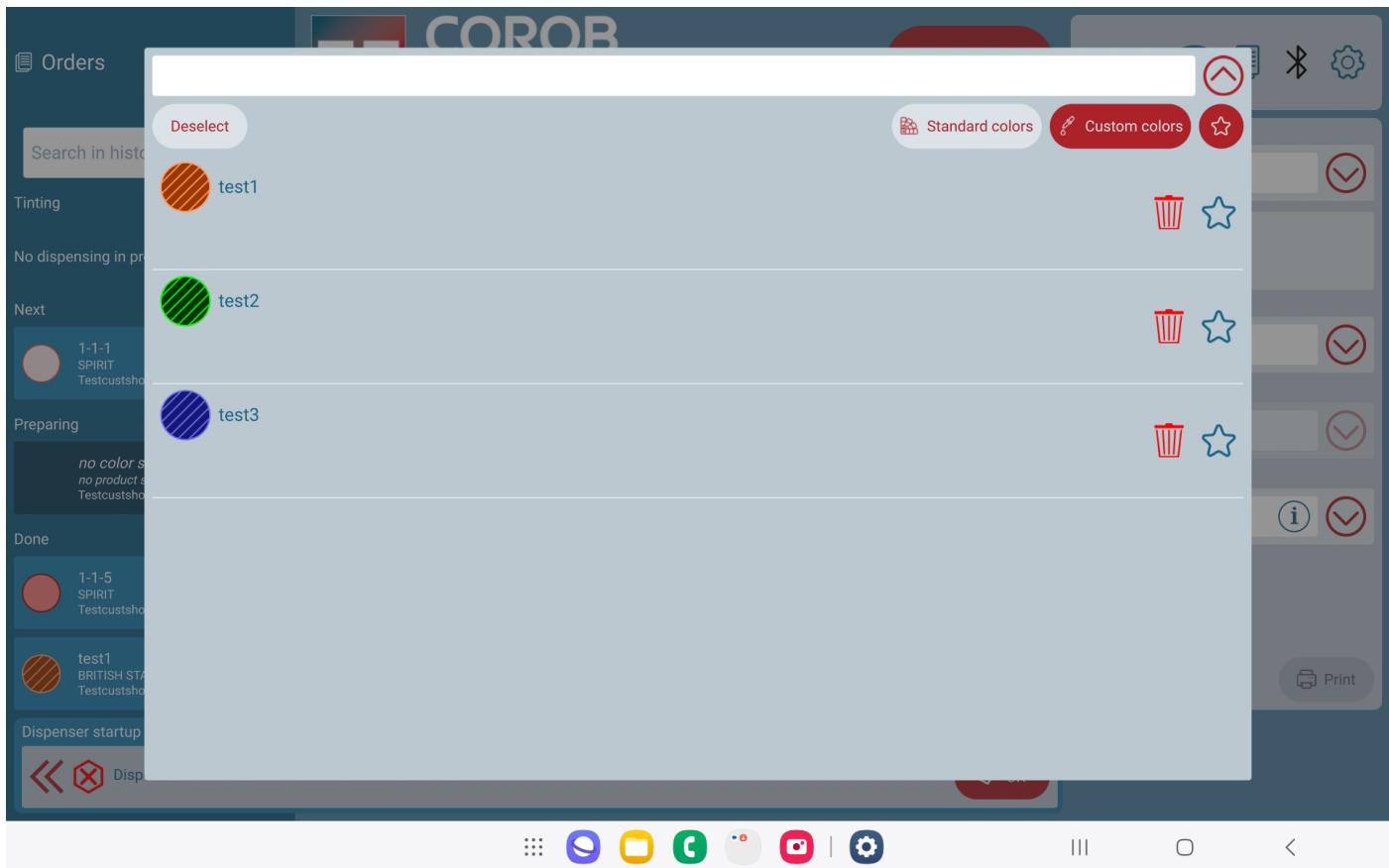
The button at the top-right of the screen allows you to display the program settings.



NOTE

A custom formula differs from the others because the color chip has stripes.

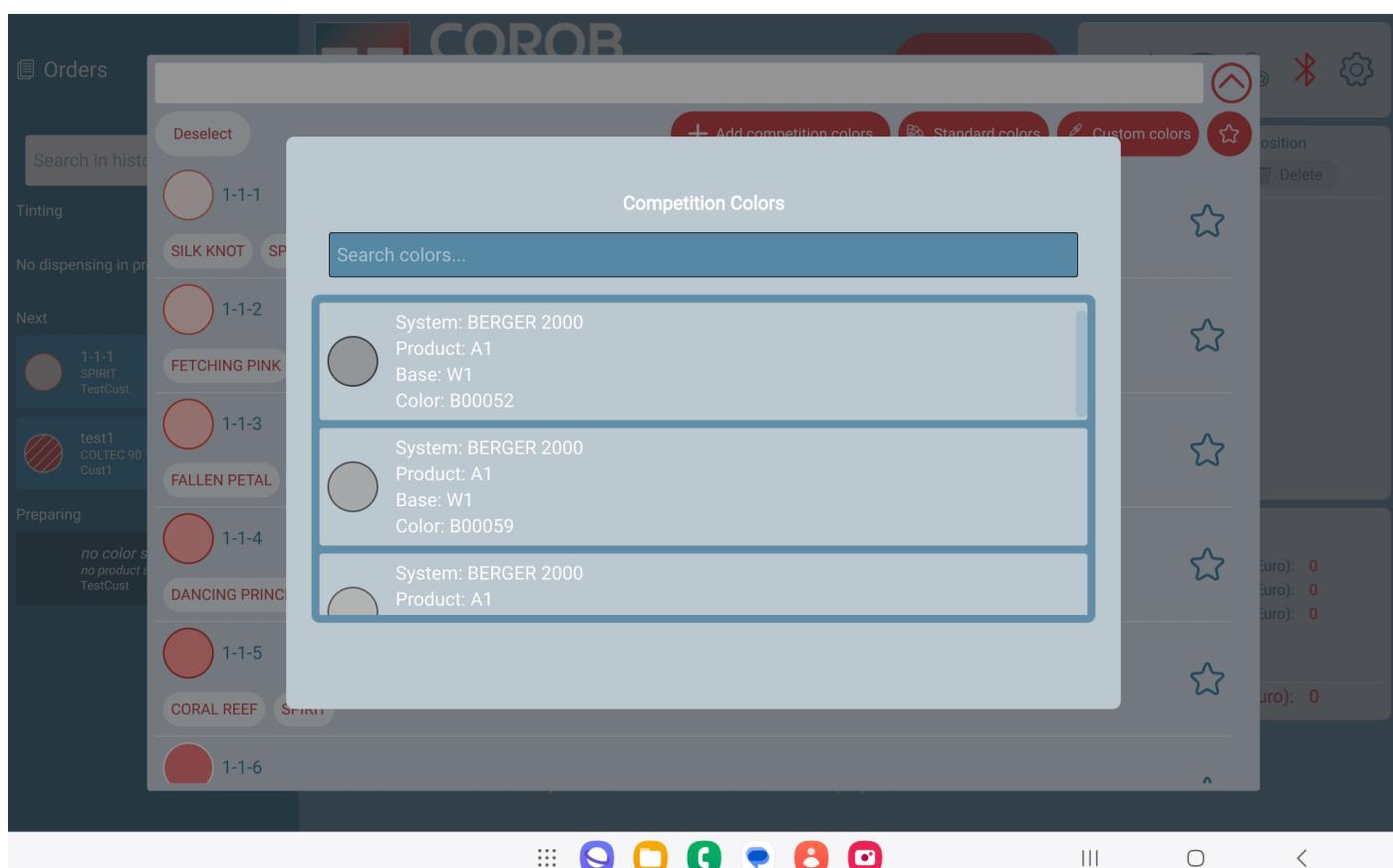
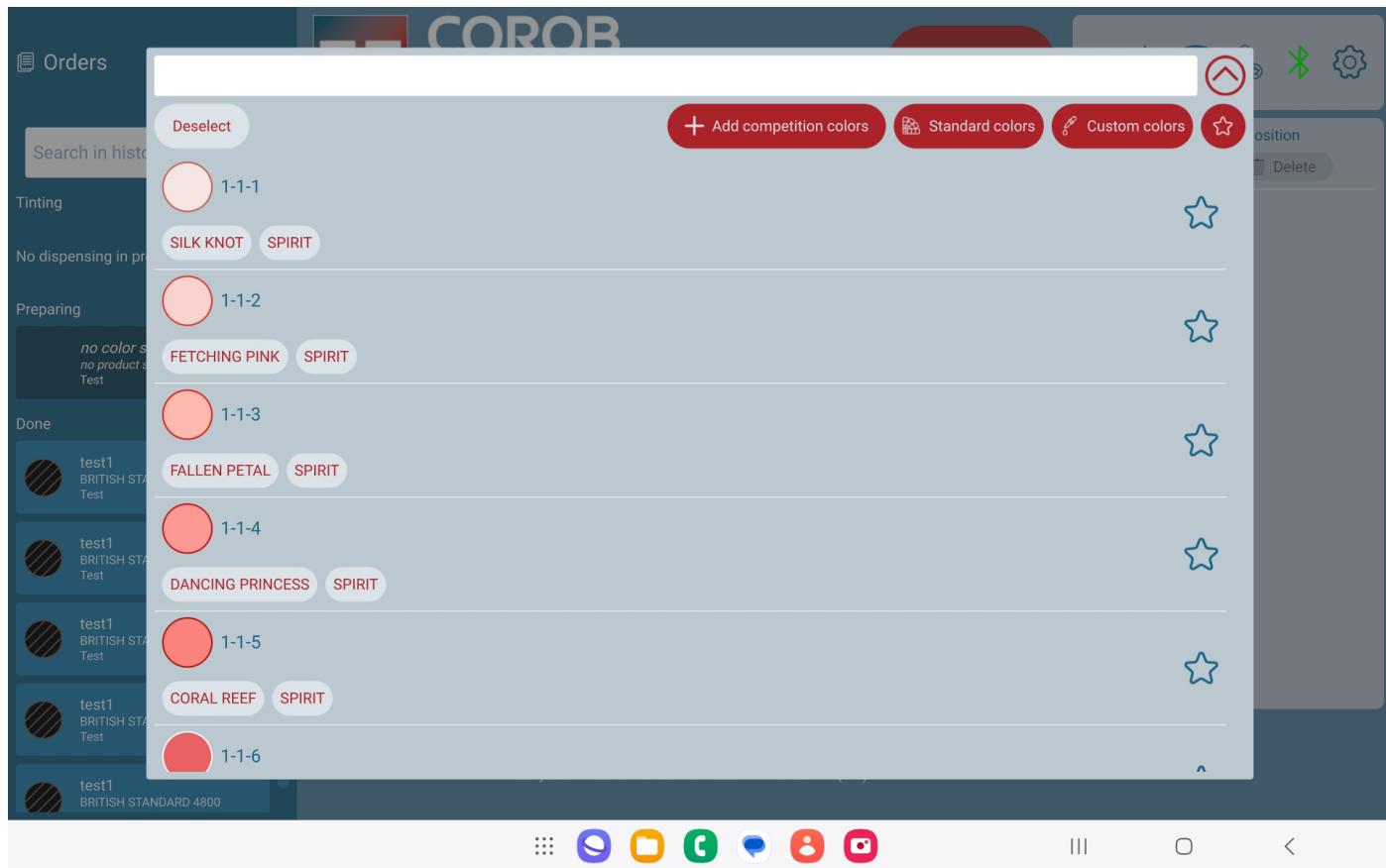
24 - Main Screen



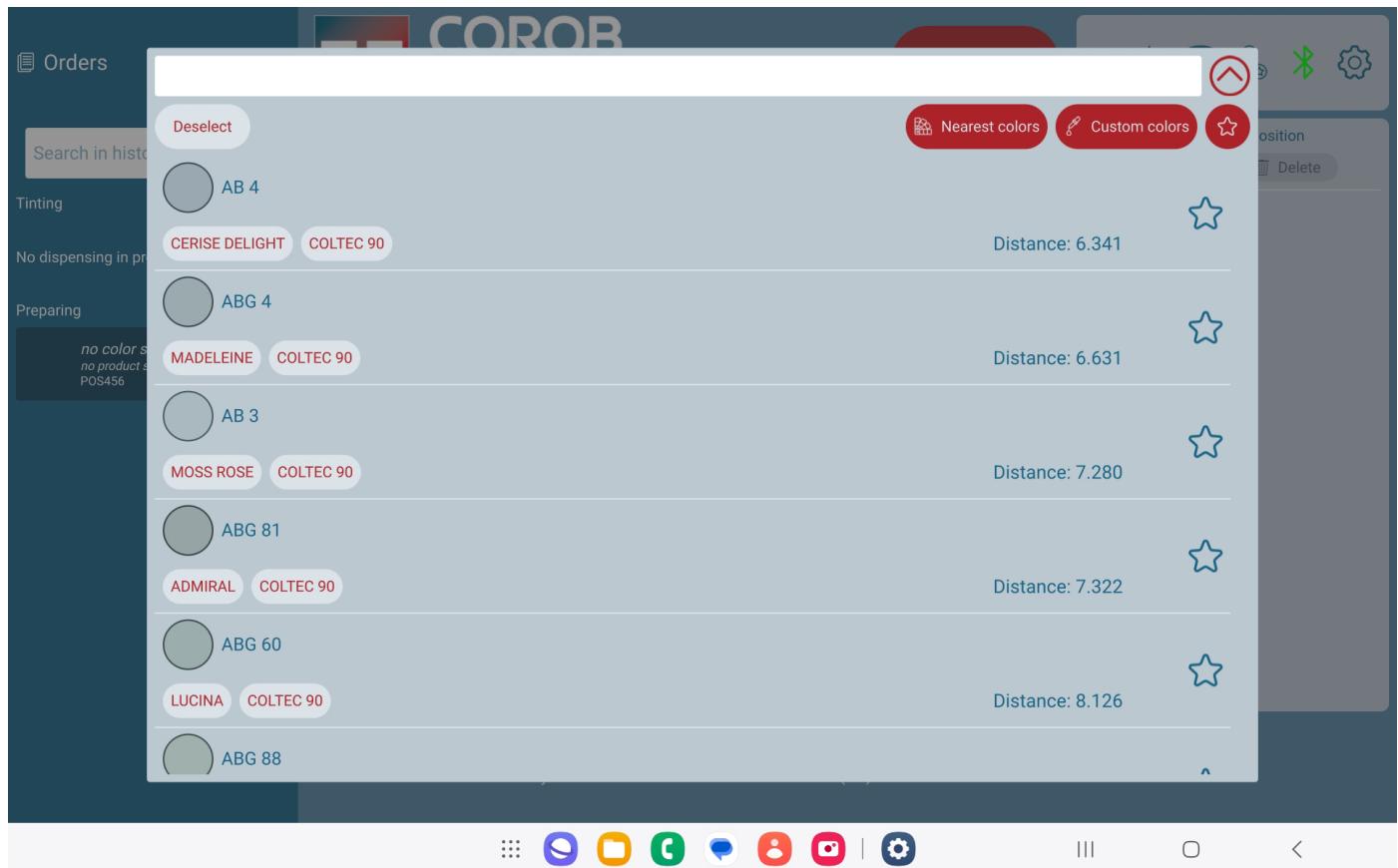
Create order by color matching with the lab value (Optional)

- Upload Color List:** Users can upload a list of colors with their LAB values through configuring the settings in admin settings.
- Search for Nearest Match:** The software searches its database to find the closest color match to the one selected from the uploaded list.

The software searches its database to find the closest color match to the selected one from the uploaded list. To do this, users must create an order by clicking on **Add Competition Colors**, which populates the competition list. They can then select the relevant entities to identify the nearest colorant in the POS application. The **Distance** value represents how close the match is.

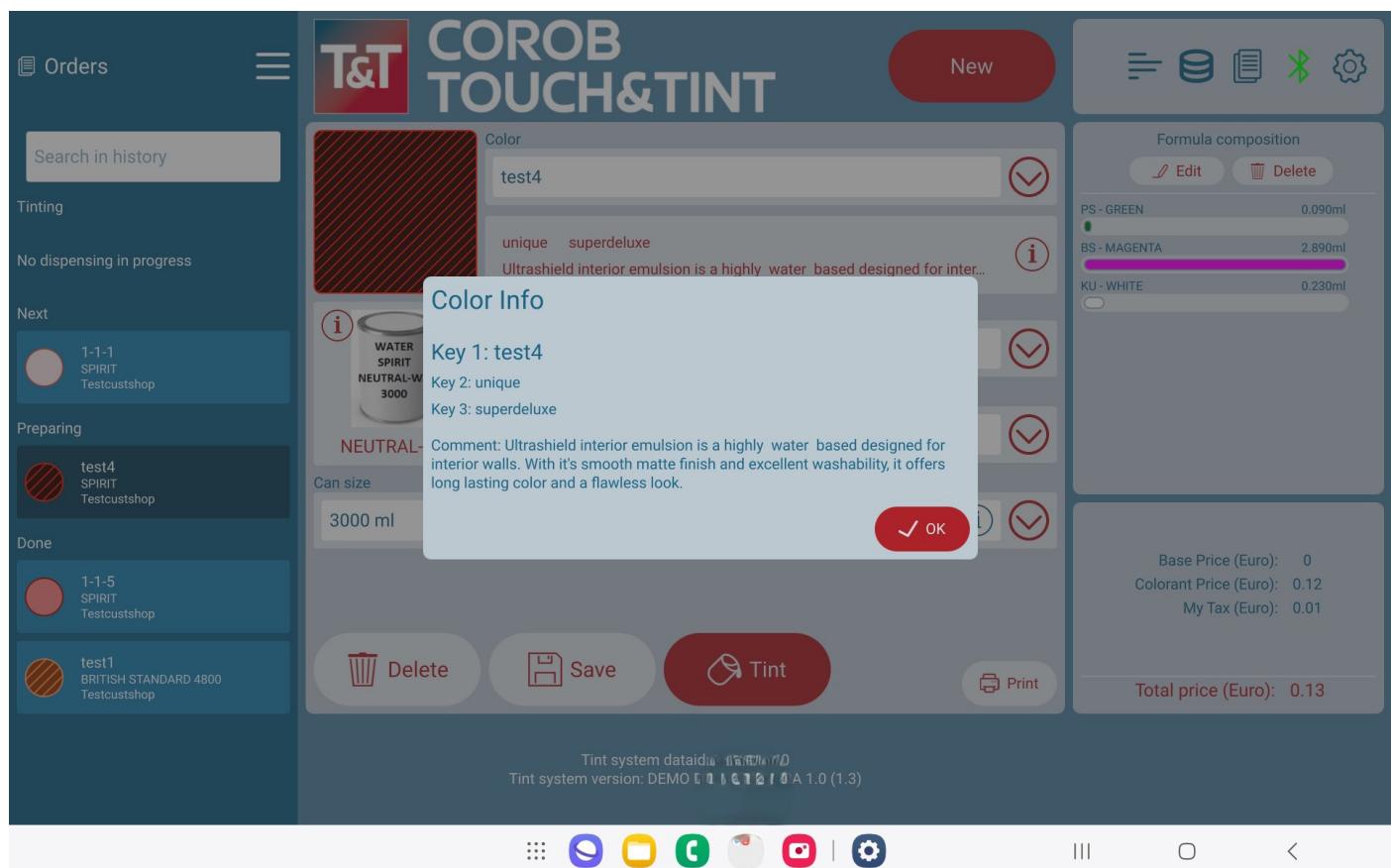


26 - Main Screen



Info buttons: base and customer details

Use the **Info** icon on the main screen to display some additional information about the color information, the base product or the details of the Customer associated to the order.



The screenshot shows the main interface of the COROB Touch&Tint software. On the left, a sidebar lists orders: 'Orders' (Search in history), 'Tinting' (No dispensing in progress), 'Next' (1-1-1, 1-1-5, test1), 'Preparing' (test4), and 'Done' (test4, 1-1-5, test1). The main area displays a tinting session for 'test4'. The session details are as follows:

- Color:** test4
- Product:** unique superdeluxe
- Description:** Ultrashield interior emulsion is a highly water based designed for inter...
- Base Info:**
 - Base code: NEUTRAL-WA
 - Base description: NEUTRAL - WATER PRODUCT
- Can size:** 3000 ml
- Buttons:** Delete, Save, Tint, Print
- Formula composition:**
 - PS - GREEN: 0.090ml
 - BS - MAGENTA: 2.890ml
 - KU - WHITE: 0.230ml
- Base Price (Euro):** 0
- Colorant Price (Euro):** 0.12
- My Tax (Euro):** 0.01
- Total price (Euro):** 0.13

The screenshot shows the main interface of the COROB Touch&Tint software. The sidebar and tinting session details are identical to the first screenshot. A 'Customer details' dialog box is open in the center, listing the following information:

Name:	Testcustshop
Company name:	Testcomp
Phone number:	-
Email:	test@shop.com
Address:	Testaddress
City:	Testcity
Zip code:	56678
Country:	Testcountry
State:	Teststate

The dialog box includes a 'Close' button and standard software navigation buttons at the bottom.

DISPENSING

3G and 4G dispensing machines

Press the **Tint** button.

The bottom **status** screen shows percentage of dispensing done, time left to finish and any actions to be taken by the user.

Once the dispensing is complete, the order switches from the section **Preparing** to the section **Done**.



NOTE

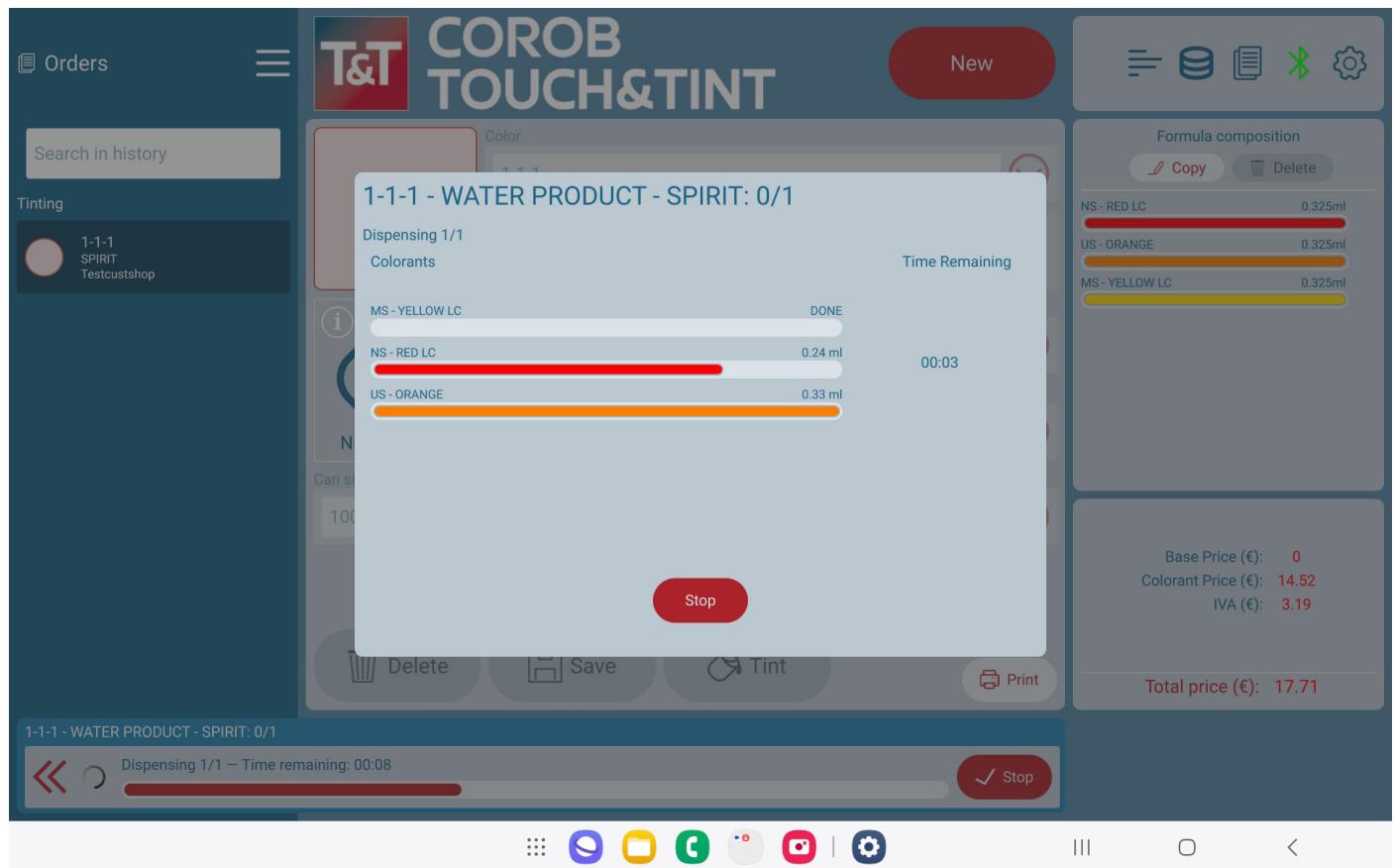
This progress status is available for 3G and 4G Dispensing machines.

5G dispensing machines

Press the **Tint** button.

A pop-up screen displays colorant-wise dispensing progress status with time remaining to dispense each colorant.

Once the dispensing is complete, the order switches from the section **Preparing** to the section **Done**.



NOTE

This progress status is available for 5G machines with latest firmware loaded.

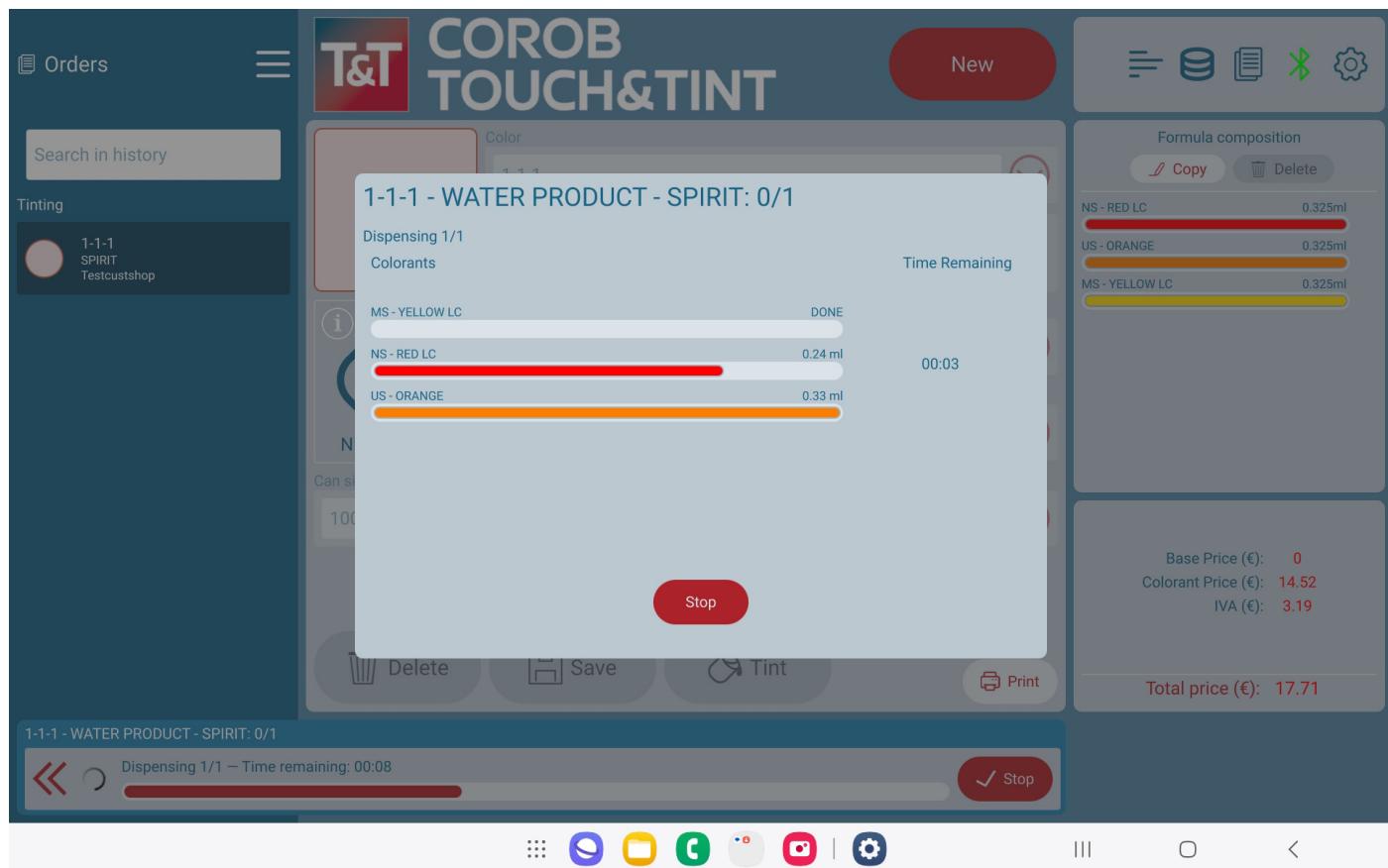
COLORANT ADJUSTMENT IN ALREADY DISPENSED RECIPE

Users can now fine-tune an already tinted recipe by adding additional colorants or adjusting quantities directly in the same can.

Steps to adjust:

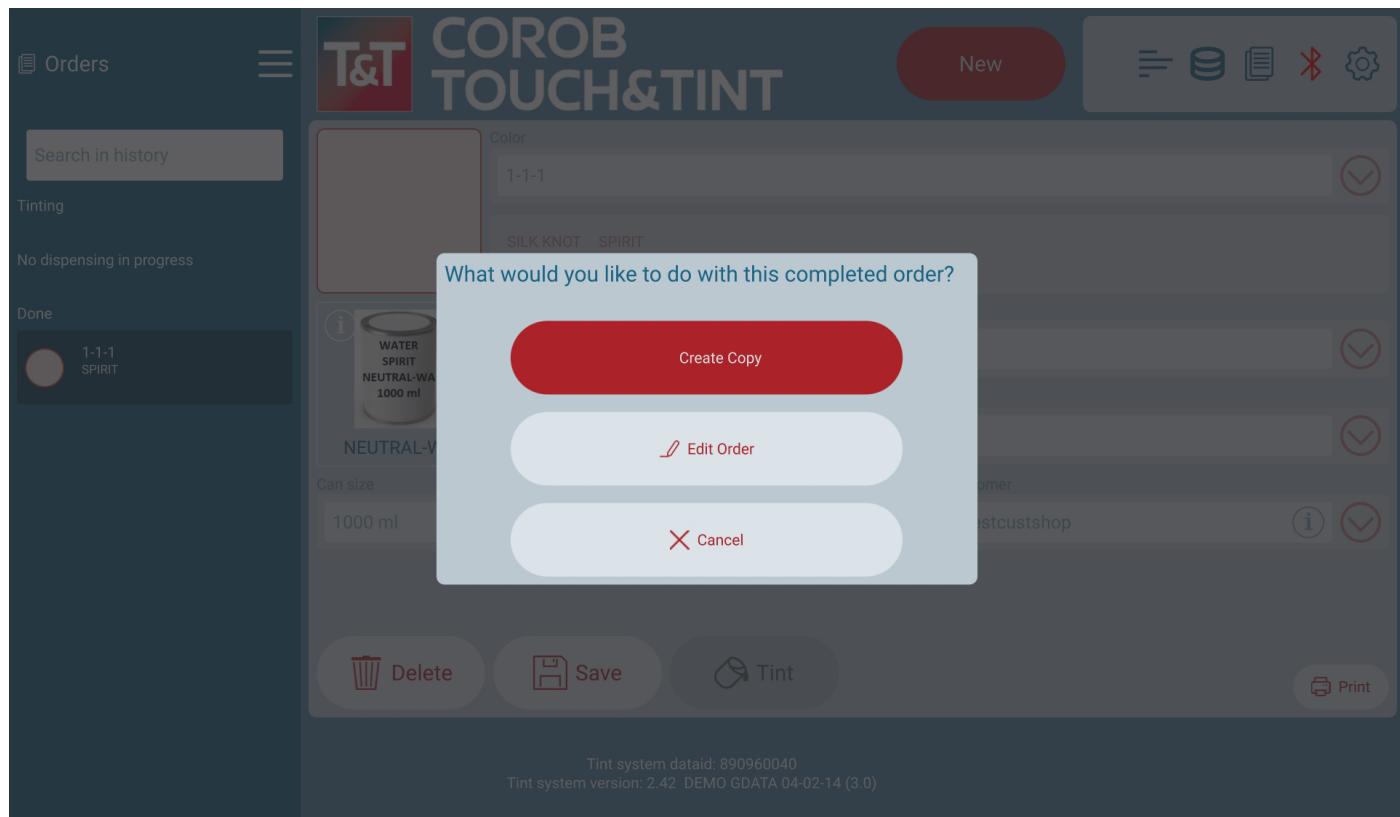
1. Start with an Existing Tinted Recipe.

Select the recipe that has already been tinted.



2. Click **Save** to Open the Adjustment Pop-up

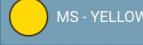
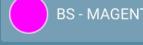
This pop-up allows you to create a copy of the tinted recipe for modification.



3. Make the adjustments

By clicking on **Colorant Addition** in the pop-up, you will navigate to:

Modify formula - 2.42 DEMO GDATA 04-02-14

Touch to edit	Product	Subproduct
	WATER PRODUCT	SPIRIT
Base	NEUTRAL-WA	Can size
Color Key1	Color Key2	Color Key3
75ml US-N +9.675ml MS +19.675ml NS	SILK KNOT	SPIRIT
Lighten/ Darken Value % <input type="button" value="(-)"/> 0.00 <input data-bbox="309 516 325 539" type="button" value="(+)"/> <input data-bbox="1373 516 1437 539" type="button" value="Apply"/>		
Composition		
 MS - YELLOW LC	10 ml <input data-bbox="754 640 786 685" type="button" value="Delete"/>	 NS - RED LC 20 ml <input data-bbox="1421 640 1453 685" type="button" value="Delete"/>
 US - ORANGE	50 ml <input data-bbox="754 707 786 752" type="button" value="Delete"/>	
Available Colorants		
 BS - MAGENTA	KU - WHITE	
 MEDIUM - SOLVENT PRODUCT	MEDIUM - WATER PRODUCT	
<input data-bbox="1183 954 1262 977" type="button" value="X cancel"/> <input data-bbox="1310 954 1373 977" type="button" value="Tint"/> <input data-bbox="1421 954 1484 977" type="button" value="✓ OK"/>		

- Can add new colorants or adjust quantities of existing ones.
- Fields like color, product, subproduct, base and cansize can be disabled and cannot be changed.

COROB
TOUCH&TINT

Color
1-1-1 +10ml MS

SILK KNOT SPIRIT
MEDITERRANEAN

Product
WATER SPIRIT
NEUTRAL-WA
1000 ml

Can size
1000 ml

Adjustment Complete
Order has been successfully updated with the adjusted color formula and moved back to Preparing state for re-tinting.

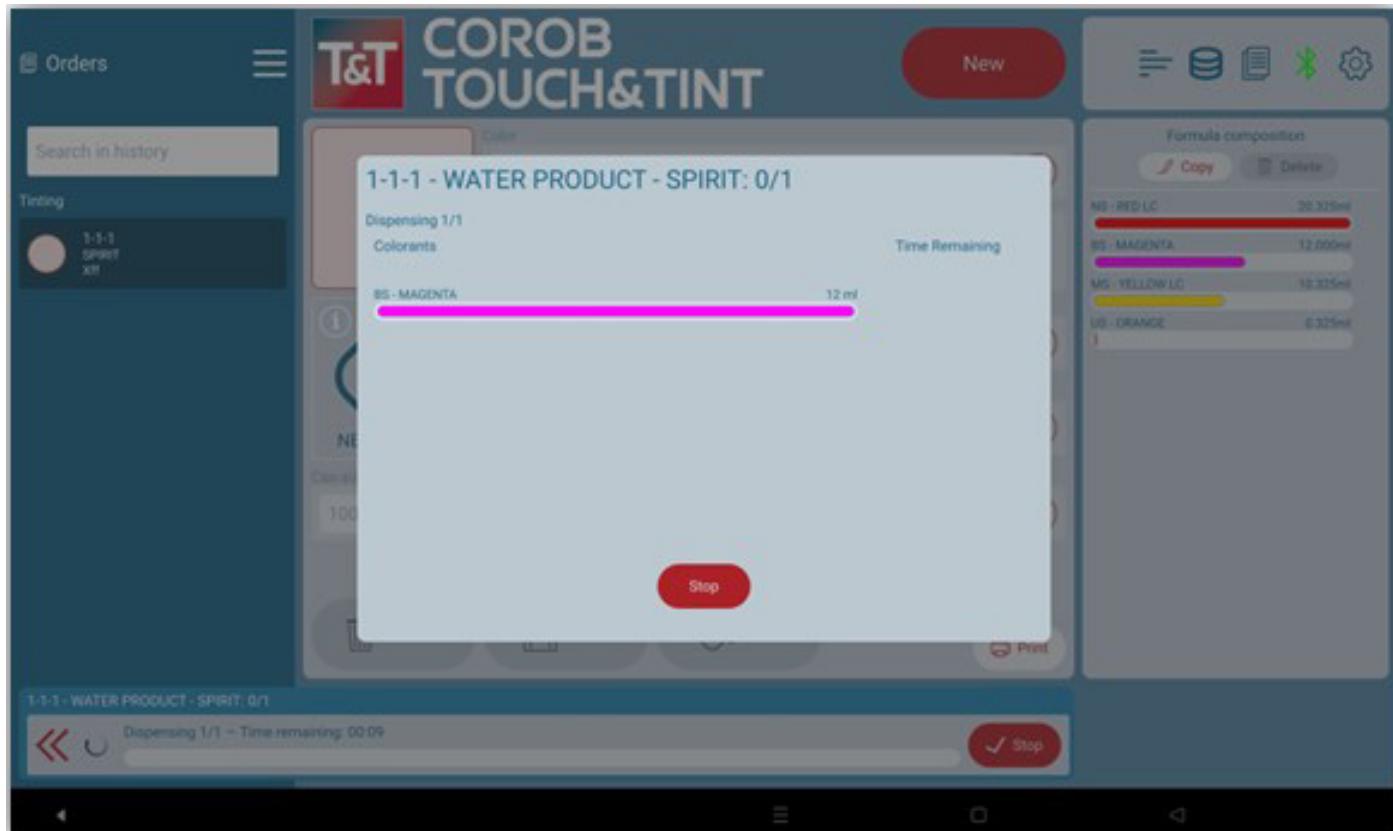
Testcustshop

Tint system dataid: 890960040
Tint system version: 2.42 DEMO GDATA 04-02-14 (3.0)

32 - Colorant adjustment in already dispensed recipe

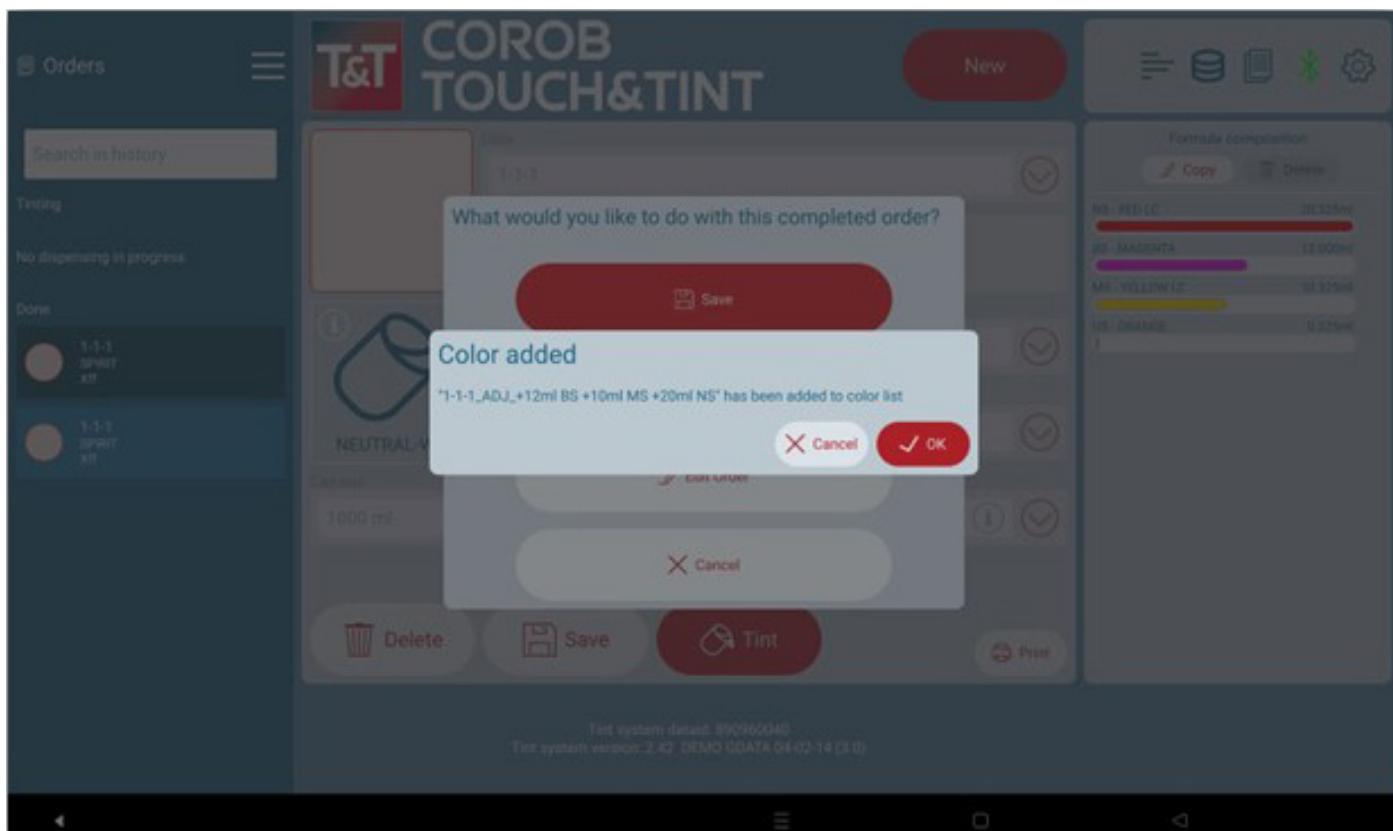
4. Click on Okay and click Tint for delta Tinting

Instead of re-tinting the full formula, the system now supports tinting only the additional (delta) colorant quantities required. This process can be repeated across multiple iterations, allowing users to fine-tune the color step by step.

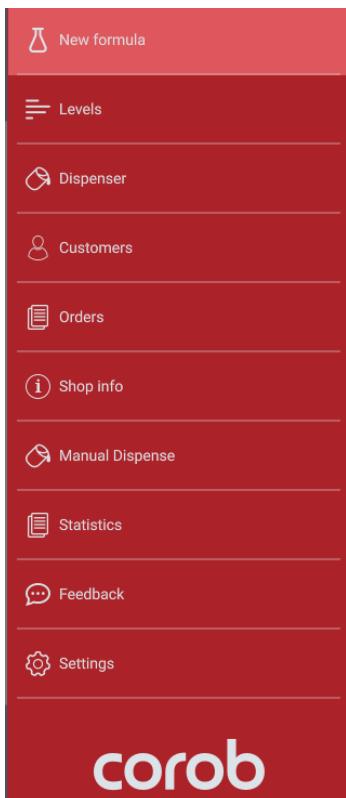


5. Cumulative order saving

Once the desired color adjustments are complete, the user can tint and save the cumulative order, ensuring the total quantity reflects all adjustments made during the delta tinting process.



OPTIONS MENU

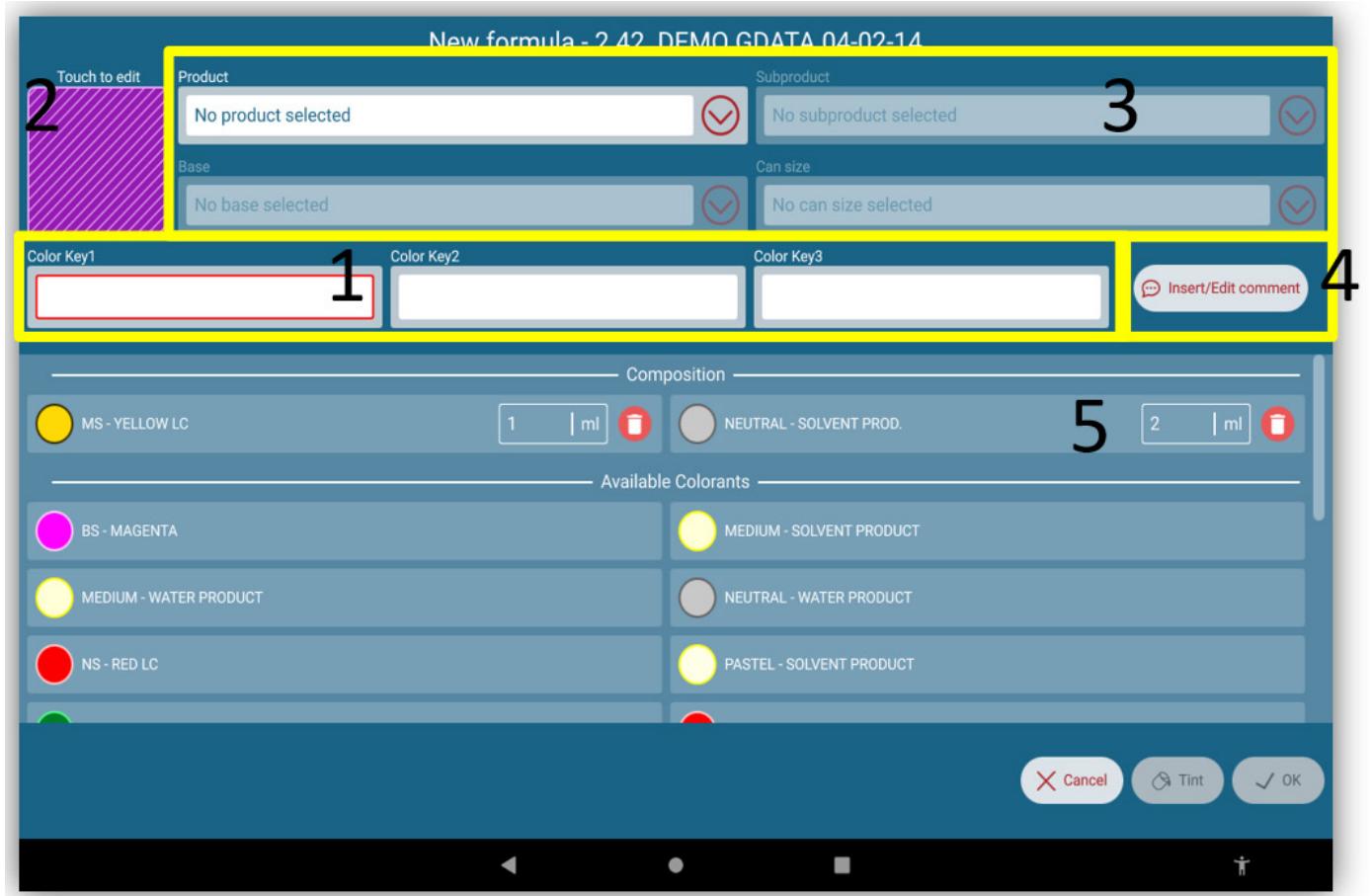


From the menu you can:

- [Create a new formula](#)
- [Refill colorant levels](#)
- [Control the dispenser](#)
- [Insert new customers](#)
- [Search for orders in history](#)
- [Manage Shop Information](#)
- [Manual Dispense](#)
- [Statistics](#)
- [Send feedback in case of program error](#)
- [Change program settings](#)

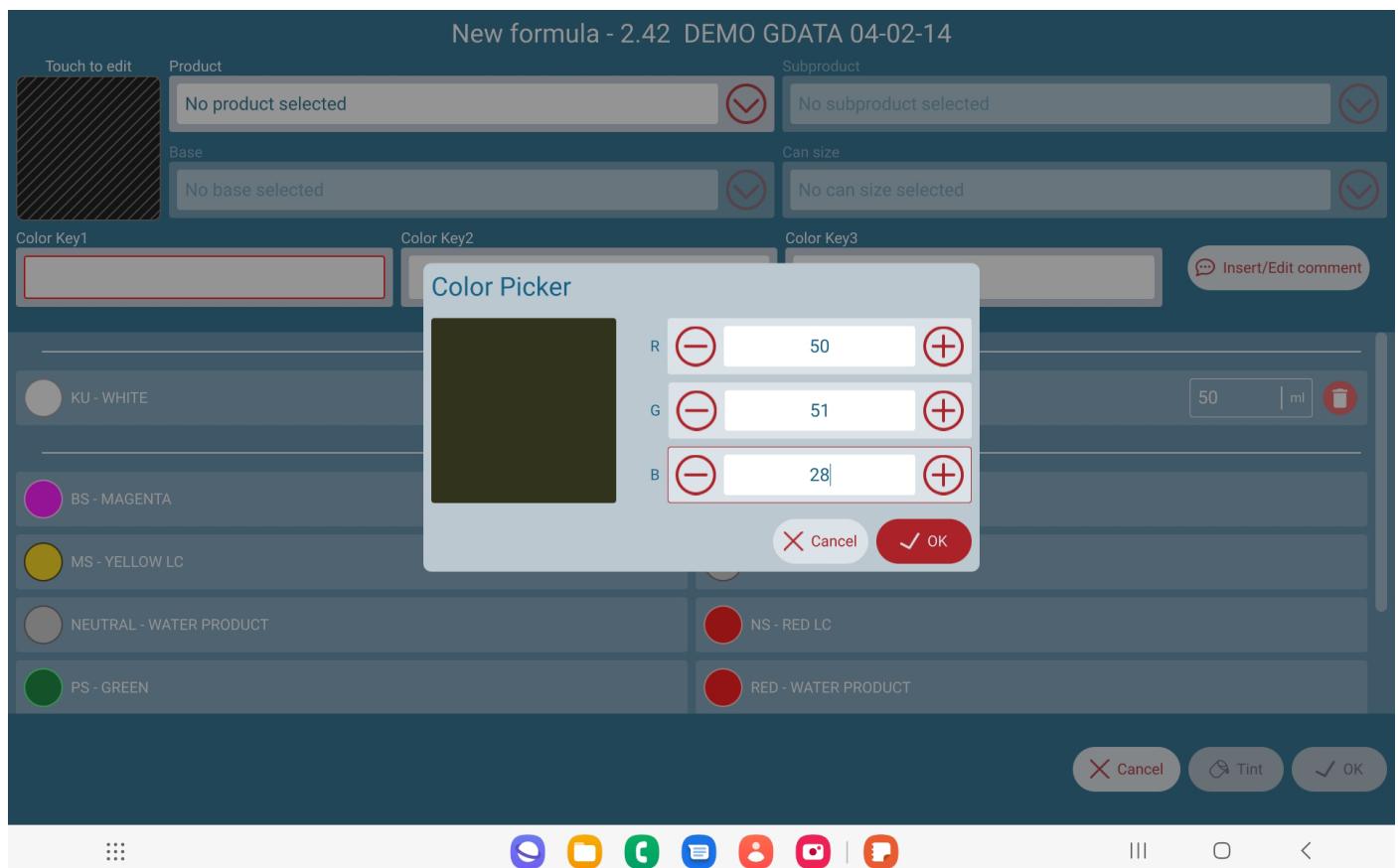
New formula

1. Enter formula name (Key 1, 2, 3). The red square indicates that at least this key must be set because it is used by the program to sort the formula during selection.
2. Associate an RGB color (Color Picker).
3. Select Product, Subproduct, Base and Can size.
4. Insert/ Edit comments.
5. Add color quantity for tinting.



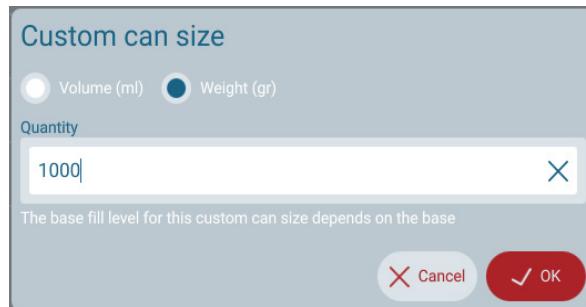
Color picker

Set RGB triplet values of the formula you are creating.

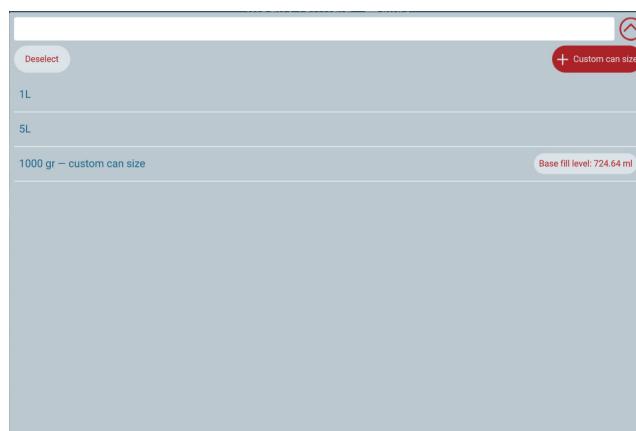


Scale colorant quantities in gravimetric/volumetric

Provision to change custom can size in volume or in weight.



The user can now scale recipe from gravimetric can size to volumetric and reversal depending on database which has both volumetric as well as gravimetric can sizes.





NOTE

All bases should have appropriate base fill values for this conversion.

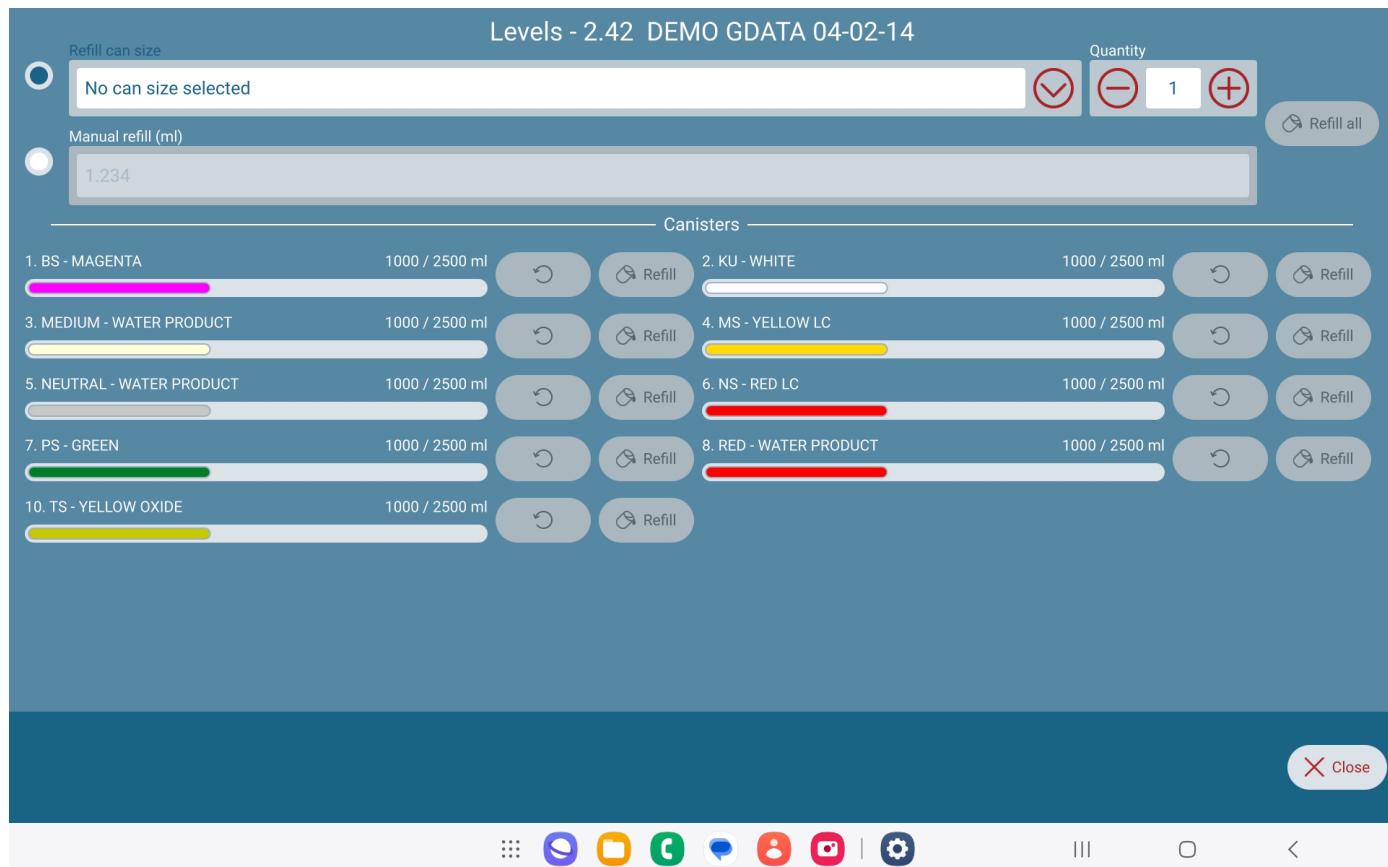
Rescale colorant quantities for a custom formula

When creating a new custom formula, if you change the can size, the program recalculates the colorant quantities to adapt the formula to new can size.

Refilling colorant levels

Press the **Refill** button.

The **Refill** screen enables users to manage colorant refilling efficiently, with options for both individual and bulk actions.



Key Features:

- **Refill by Quantity**
 - Users
 - **Refill individual colorants** by entering the desired quantity.
 - Or use the **Refill All** option to refill all colorants with the same specified quantity in one go.
- **Usage and Refill Tracking**
 - For each colorant, the system displays:
 - The **most recent dispensing** activity (last usage).
 - The **most recent refill** entry.

This allows users to maintain better visibility and traceability of colorant consumption, helping ensure optimal inventory management and timely refills.

Some warning symbols indicate that levels need to be checked.

	The current level is below critical level. Tinting a formula with this colorant will not be allowed.
	The current level is below the double the value of the critical level. Tinting is not prevented, but the program warns you to check colorant level.

Controlling the dispenser

The **Dispenser** commands screen allows you to execute some basic commands with the machine.

Serial Number: G23P2242
 Family: evo
 Firmware Version: 72.10.6
 Colorant compatibility: Yes

Parallel Sequential

Quantity (cc) 1.00

Reset

Nozzle cleaning

Stirring Time (sec) 30

Shelf commands

Select Circuit id 101 Time (sec) 10 Recirculation

Close Autocap Open Autocap

Close

Icons at the bottom: three dots, a blue square with a white circle, a yellow square with a white circle, a green square with a white circle, a blue speech bubble, a red person, a red camera, a blue gear, three vertical lines, a square, and a left arrow.

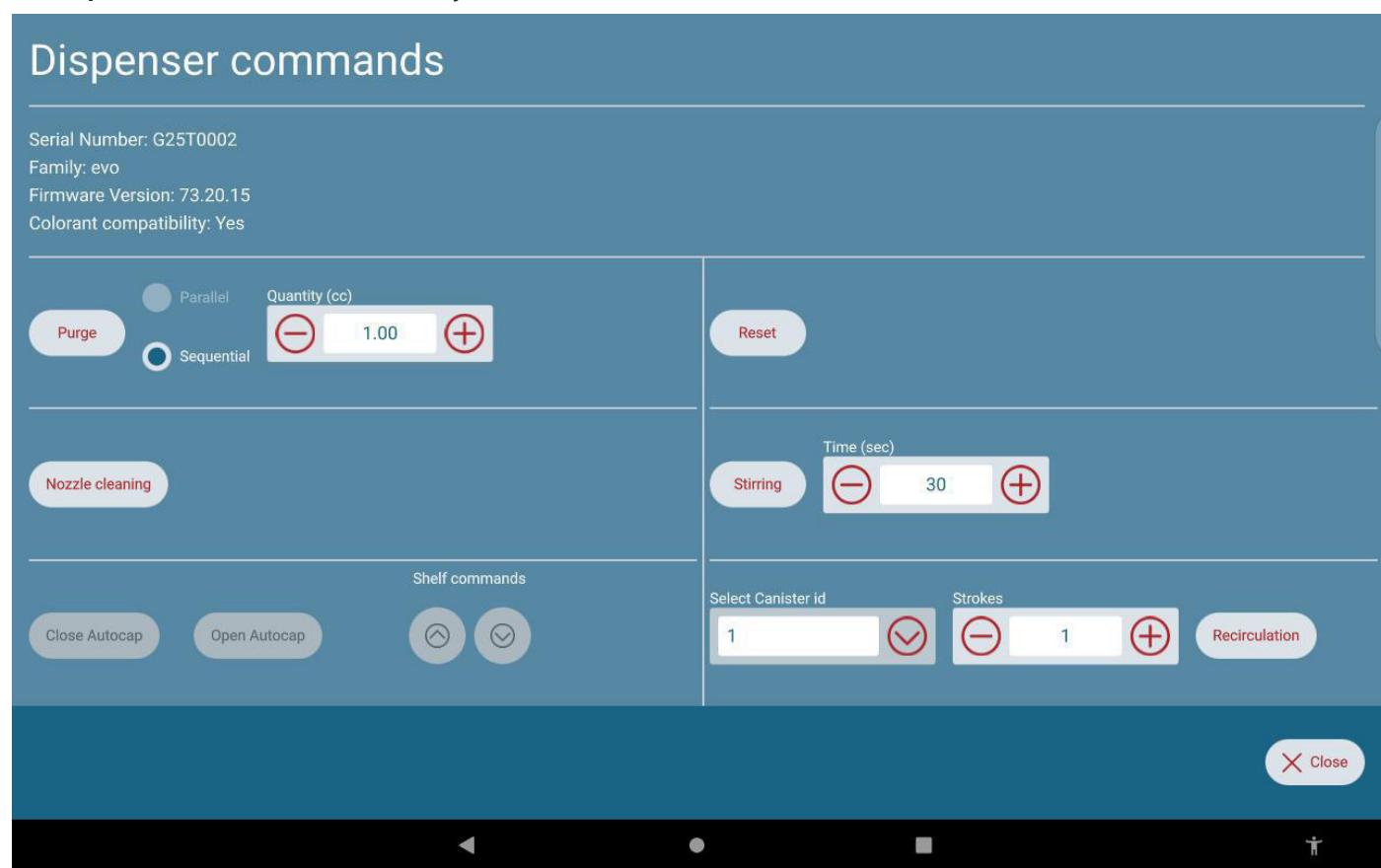
The information **Colorant compatibility** refers to the correct match between database and configuration.

Users can now identify the firmware version updated in the machine.

The type of commands available depend on the machine devices that are present on the machine and configured.

Controlling the T-series dispenser

The **Dispenser** commands screen allows you to execute some basic commands with the machine.



This feature enables T-Series dispensers to recirculate the fluid using a specified number of strokes. Each stroke represents a complete cycle of the dispenser's pump mechanism, helping maintain fluid consistency and quality by ensuring thorough mixing.

Machine commands

Command	Info
Reset	This is a general machine reset command. It interrupts any process in progress and brings the machine in its initial status: automatic machine devices such as shelf or autocap will be moved and reset to zero position.
Purge	This command allows you to purge colorant from machine circuits, to clean the dispensing nozzles. <ul style="list-style-type: none"> Parallel: it dispenses a certain amount of colorant from all the dispensing circuits, in groups. Type the Quantity in cc, place a can on the shelf and press on the Purge button. Sequential: it dispenses a fixed amount of colorant from each dispensing circuit, one after the other.
Nozzle cleaning	This command allows to clean nozzle of each circuit to be cleaned.
Recirculation	This command allows to recirculate circuits chosen as per the durations / strokes provided.
Stirring	This command allows you to execute a stirring process on all circuits.
Shelf commands	This command allows you to move the automatic shelf up or down .
Autocap commands	This command allows you to open or close the Autocap.

Customers

This screen for customer management: insert, edit, search, delete.

Enter and edit customer data. Any invalid input is highlighted in red before saving.

The screenshot shows the 'Customers' screen with a list of two customers:

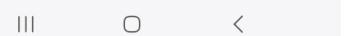
Name	Company	Phone	Last order	Orders
Customer 1	Company 1	111111111111	—	0
Customer 2	Company 2	2222222222	—	0

Each customer row has 'Details', 'Edit', and 'Delete' buttons. A red banner at the bottom left says 'Dispenser startup' with a message 'Waiting for dispenser...' and a close button.

The screenshot shows the 'Customer data' entry screen with the following fields:

- Customer name (highlighted with a red border)
- Company name
- Email and Phone number
- Address
- City and Zip code
- Country and State

At the bottom are 'Cancel' and 'OK' buttons. A red banner at the bottom right says 'Close'.





NOTE

Customer name is mandatory.



NOTE

The **Export visible** button allows to export only the filtered list that is visible in the screen.

Searching orders history

By pressing the **Details** button from the customers list, you will display all the orders associated to the selected customer.

Customer details

Contact information

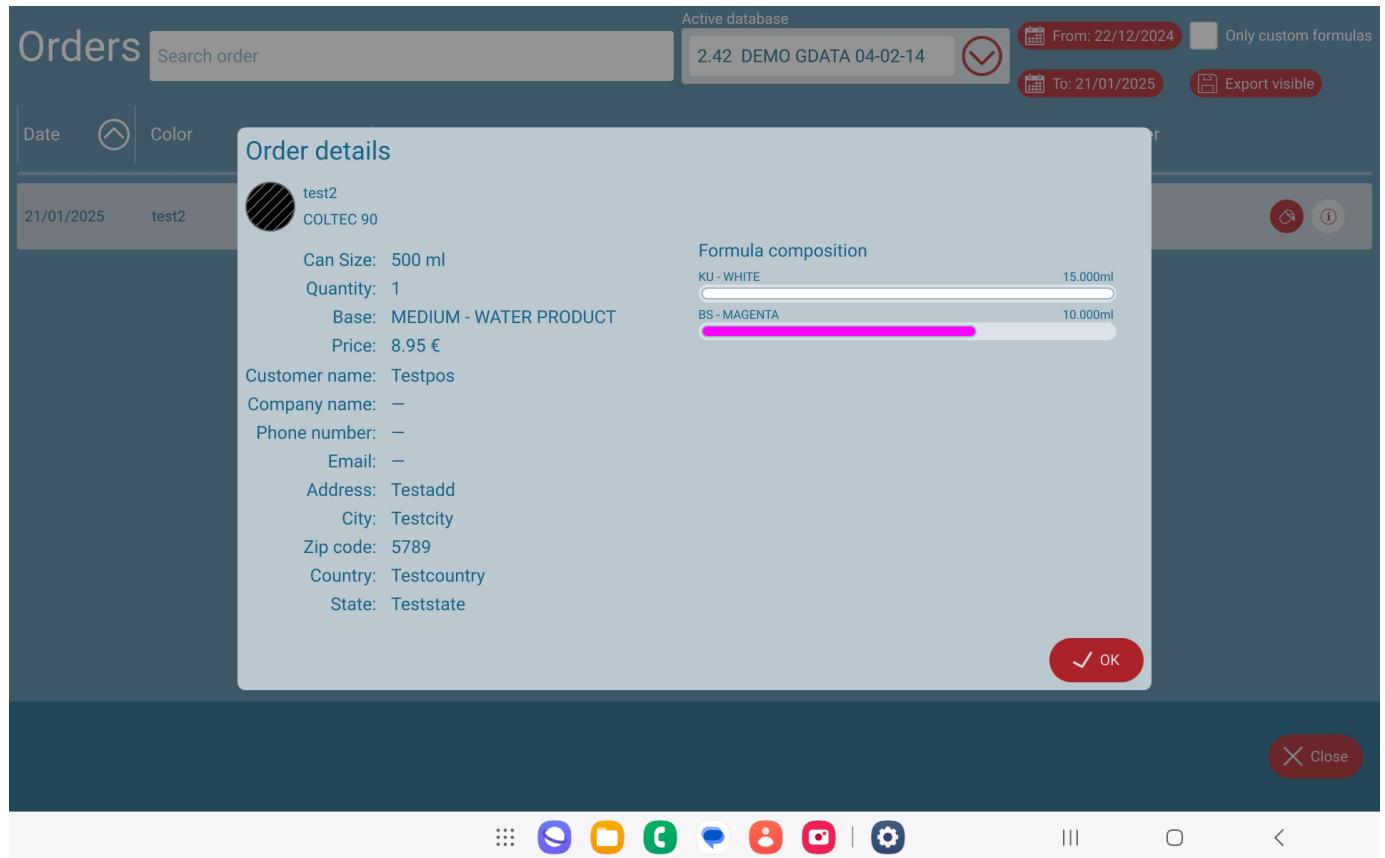
Cust1, Comp1

Add1

Tinted	Color	Product	Base	Can size	Quantity
08/09/2023	1-1-1	WATER PRODUCT	NEUTRAL - WATER PRODUCT	1000 ml	1
08/09/2023	1-1-1	WATER PRODUCT	NEUTRAL - WATER PRODUCT	1000 ml	1
08/09/2023	1-1-1 +49.675ml US-N +9.675ml MS +19.675...	WATER PRODUCT	NEUTRAL - WATER PRODUCT	1000 ml	1

Close

This screen lists all the dispensed orders. You can search orders the list or filter the displayed orders within a certain time period (use calendar).



Enable **Only custom formulas** to display only dispensed custom formulas.

Press the  icon to recall the dispensed order in the main screen and make it available for dispensing or edit again (order will be inserted in the **Preparing** section). Press the  icon to display the detailed info on this order.



NOTE

The **Export visible** button allows to export only the filtered list that is visible in the screen.

Shop info

Enter the information about your Point of Sale (Shop). In the main screen, when creating a dispensing order, the Shop information is associated to each order and helps filtering to make later analysis, so it is very important.

Shop info

Shop name	Dealer code
Testpos	5688
Company name	
Email	Phone number
Address	
Testadd	
City	Zip code
Testcity	5789
Country	State
Testcountry	Teststate

Cancel **OK**

Manual dispense

Manual Dispensing - 2.42 DEMO GDATA 04-02-14

DISPENSING HISTORY / PRICE

Can size: 375 ml

Composition

MEDIUM - SOLVENT PRODUCT	0.1 ml	MEDIUM - WATER PRODUCT	0.1 ml
--------------------------	----------	------------------------	----------

Available Colorants

BS - MAGENTA	KU - WHITE
MS - YELLOW LC	NEUTRAL - SOLVENT PROD.
NEUTRAL - WATER PRODUCT	NS - RED LC
PASTEL - SOLVENT PRODUCT	PS - GREEN
RED - SOLVENT PRODUCT	RED - WATER PRODUCT

Manual Dispensing

Manual Tinting in progress... — Time remaining: 00:00

Cancel **Tint**

You can dispense a color manually, by creating on the spot a formula selecting the amounts in this screen and the size of the can:

1. Select desired can size for tinting.
2. Enter the quantity for the colorants which are to be tinted.
3. Dispense the colorants.

Purge statistics

Purge Statistics

Purge Statistics

From: 09/08/2023 To: 08/09/2023 Export visible

Date	BS - MAGEN...	KU - WHITE	MEDIUM - S...	MEDIUM - W...	MS - YELLO...	NE
08/09/2023	1ml	1ml	2ml	1ml	2ml	1ml

Back

Purge Statistics

Purge Statistics

From: 09/08/2023 To: 08/09/2023 Export visible

Colorant	Quantity
MS - YELLOW LC	2ml
US - ORANGE	1ml
NS - RED LC	1ml
BS - MAGENTA	1ml
PS - GREEN	1ml
RS - BLUE	2ml
KU - WHITE	1ml

Back

This screen lists the purge history for the available colorants. You can filter the displayed purge history records with a certain time period (use calendar).

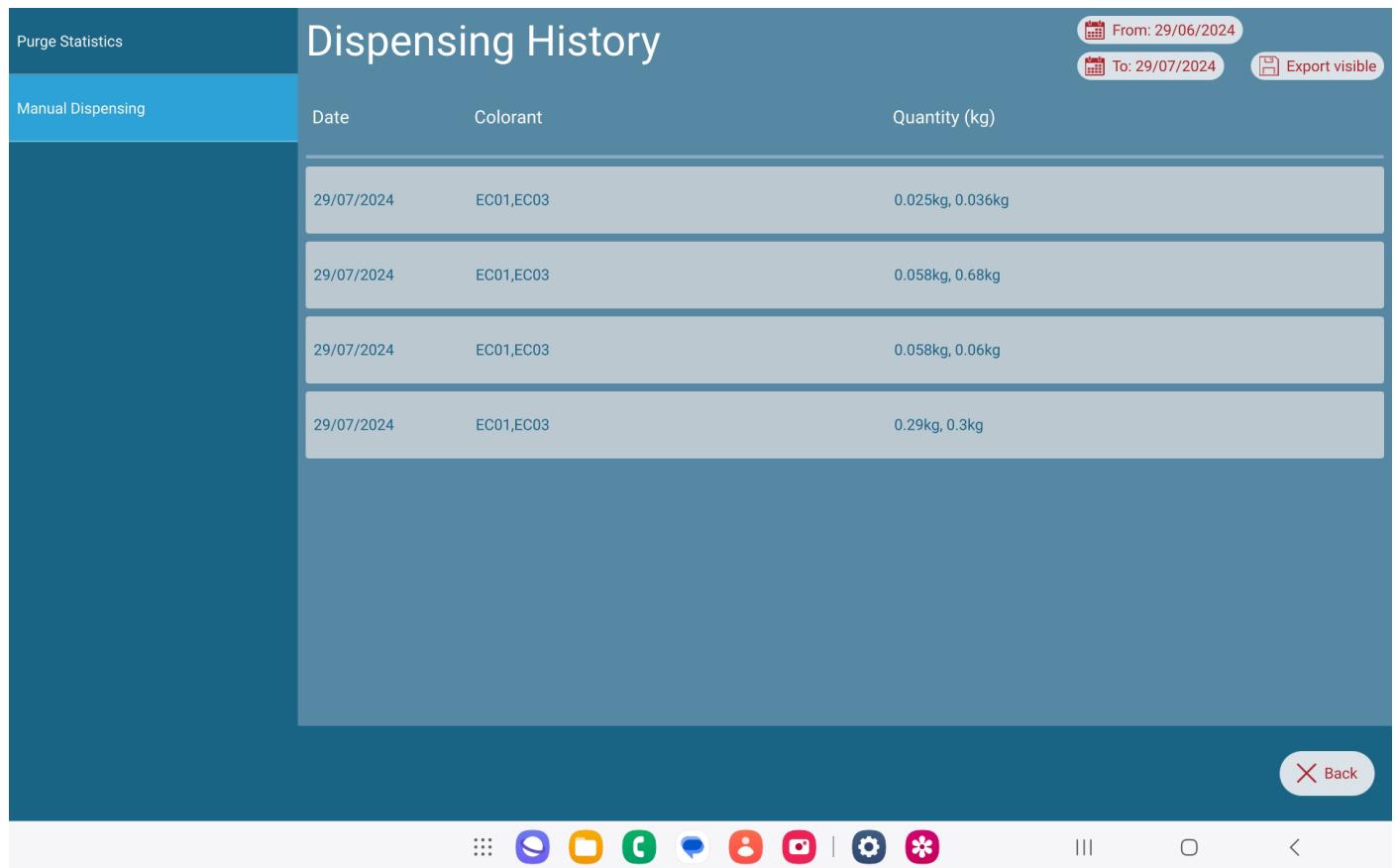
44 - Options menu

1. **Overview:** It displays date-wise purged colorant quantities for the selected time frame.
2. **Details:** It displays the cumulative colorant quantities for each colorant within the filtered time frame.
3. The displayed information can be exported in an excel format.

Dispensing history

This screen captures the manual dispensing history which includes date of dispensing, colorants dispensed and their respective quantities.

The records can be filtered for a specific date range and can be exported in an excel format.



The screenshot shows a mobile application interface for managing dispensing history. The top navigation bar includes 'Purge Statistics' and 'Manual Dispensing' tabs. The main content area is titled 'Dispensing History' and displays a table of dispensing records. The table has columns for 'Date', 'Colorant', and 'Quantity (kg)'. The data shows four entries on 29/07/2024, each involving colorants EC01 and EC03. The bottom of the screen features a navigation bar with icons for home, back, and other functions, along with a 'Back' button.

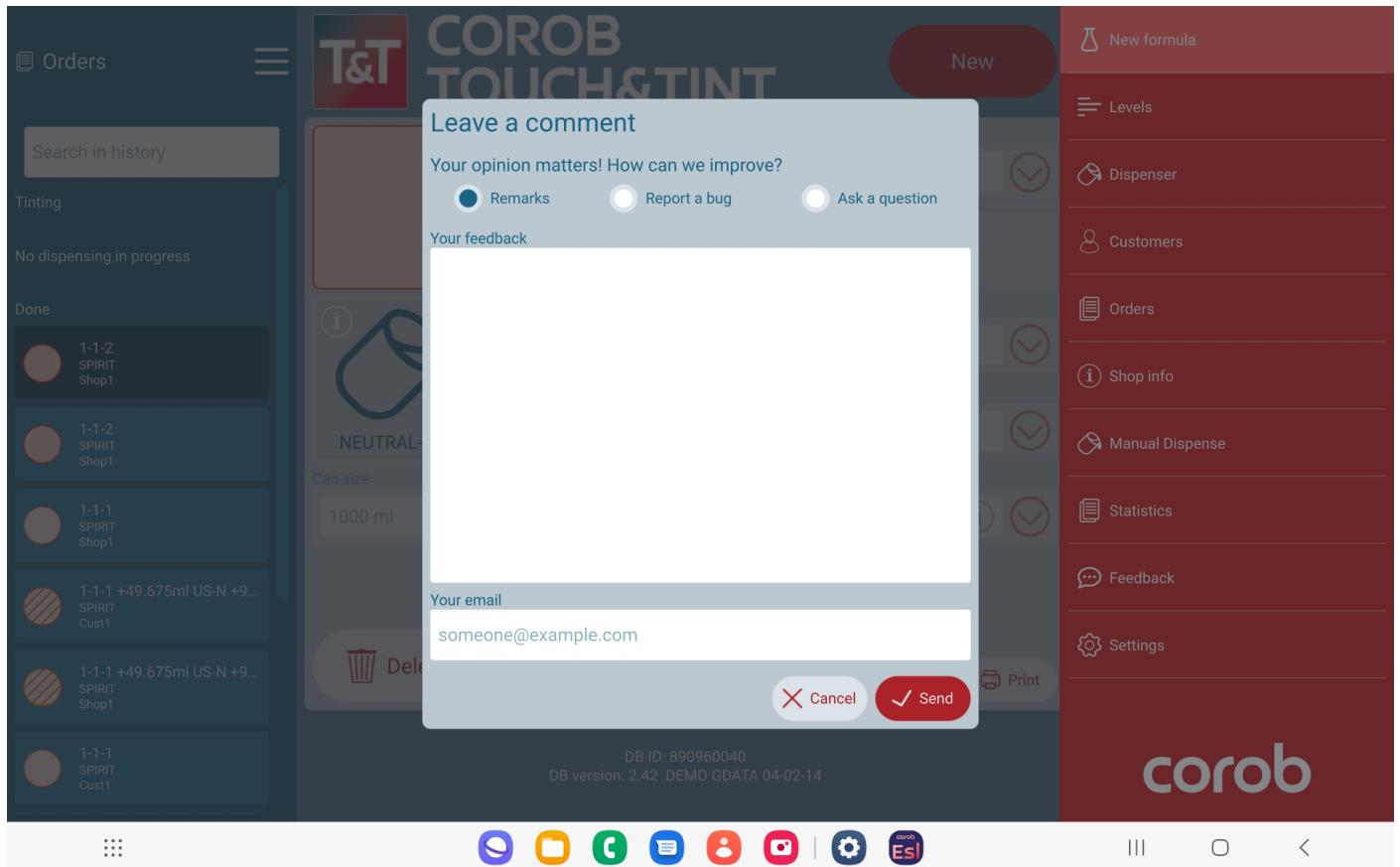
Purge Statistics	Dispensing History			From: 29/06/2024	To: 29/07/2024	Export visible
Manual Dispensing	Date	Colorant	Quantity (kg)			
	29/07/2024	EC01,EC03	0.025kg, 0.036kg			
	29/07/2024	EC01,EC03	0.058kg, 0.68kg			
	29/07/2024	EC01,EC03	0.058kg, 0.06kg			
	29/07/2024	EC01,EC03	0.29kg, 0.3kg			

Feedback

This is a very useful tool to provide feedback, report a malfunction or ask for information.

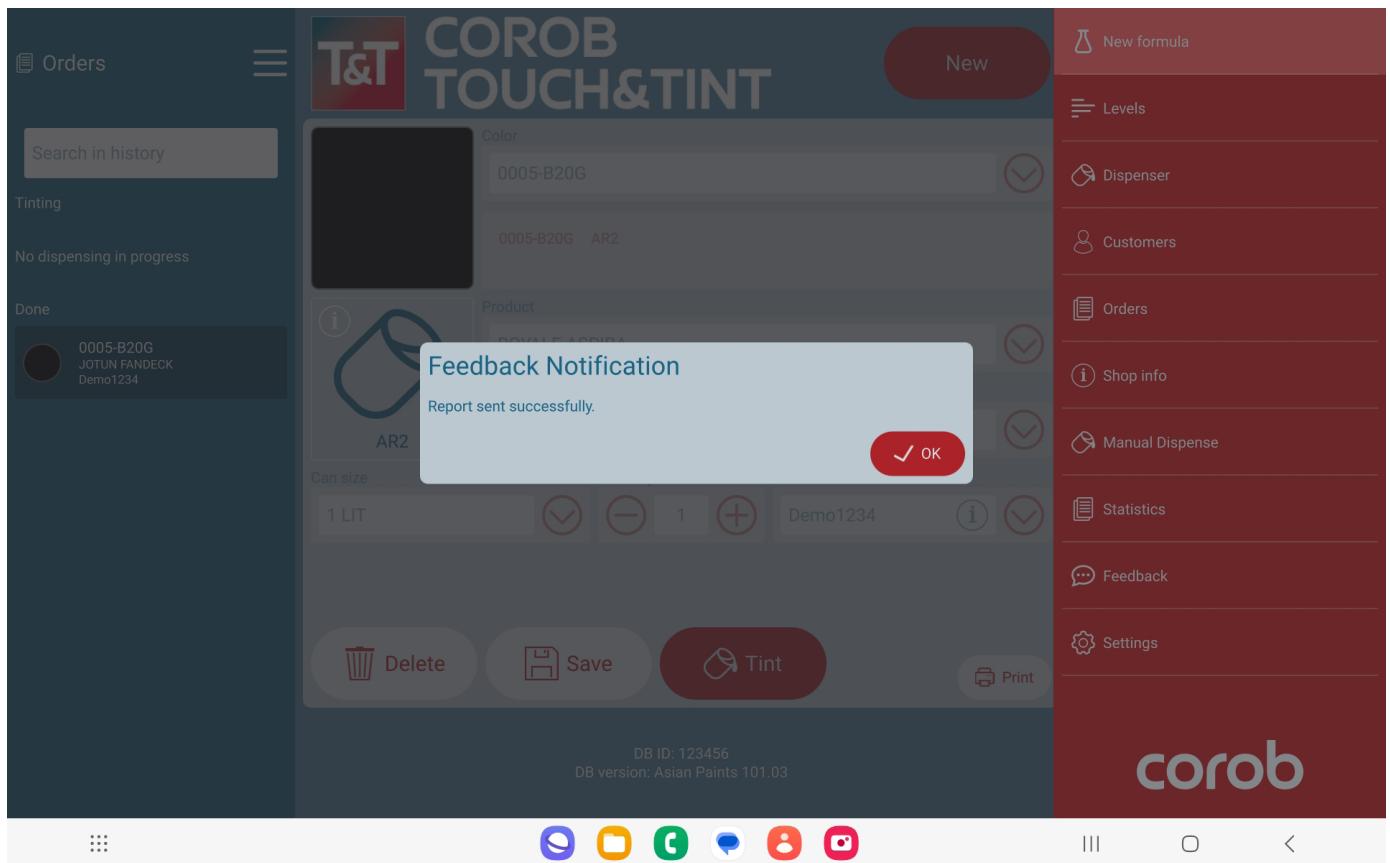
The feedback will be sent to COROB.

Always write in detail the conditions and exact context when the problem took place and write your email address.



Feedback notification

The user now receives a feedback notification on receipt of the email at the support end.

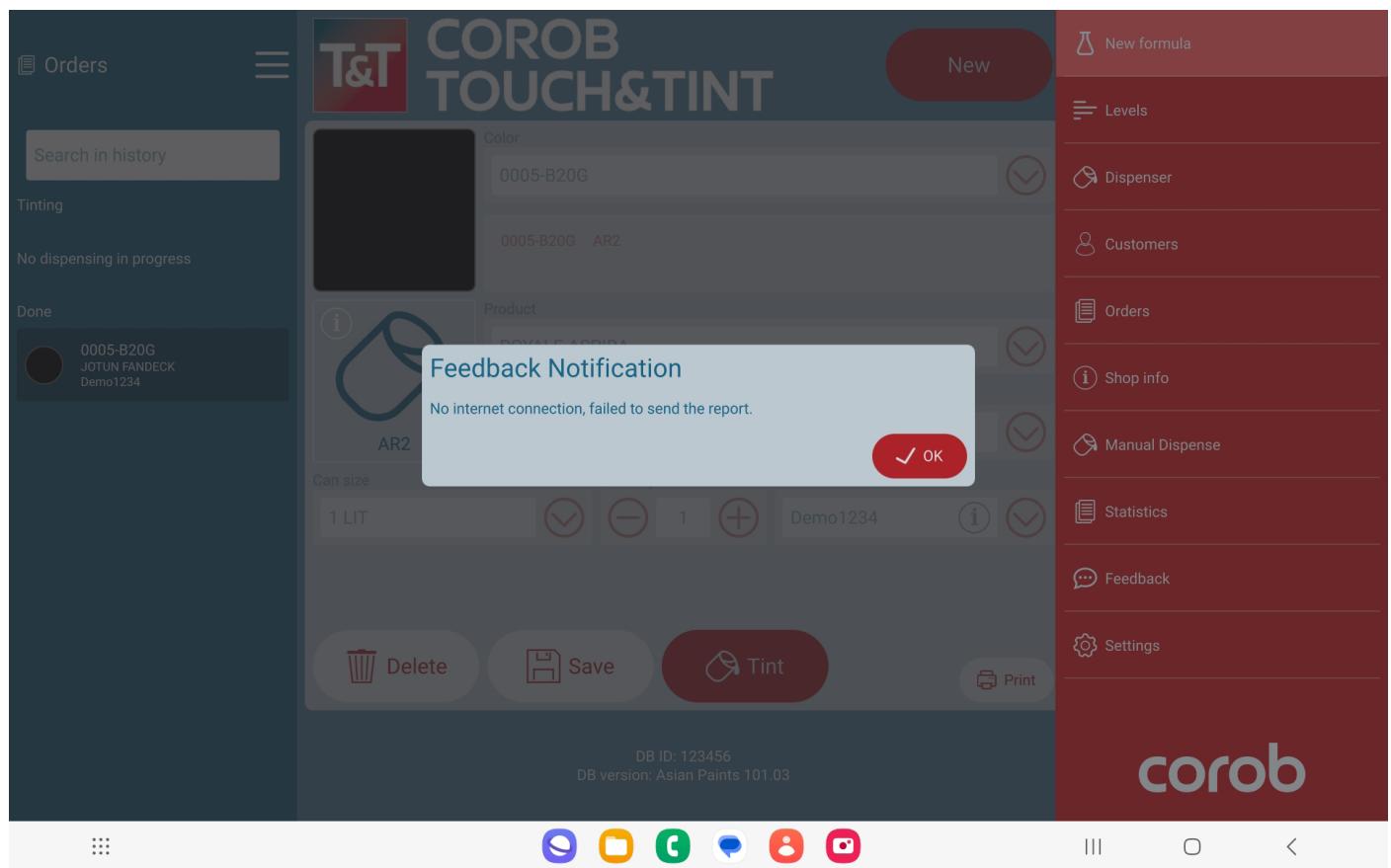




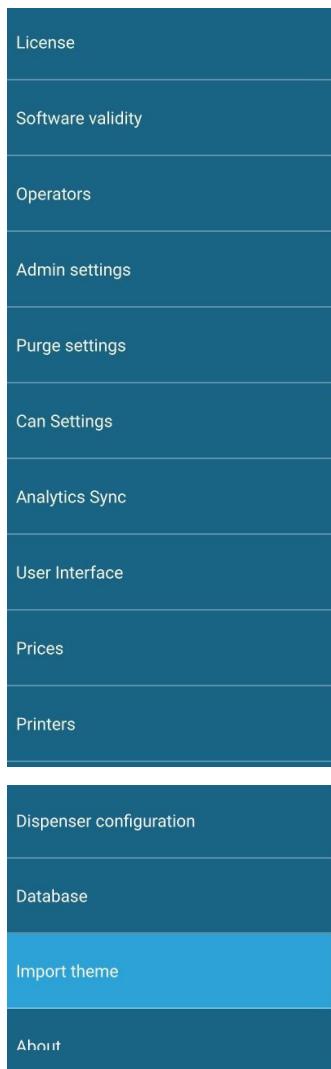
NOTE

The network connection should be consistent for success.

In case of network failure, the user receives a notification on the UI.



SETTINGS MENU



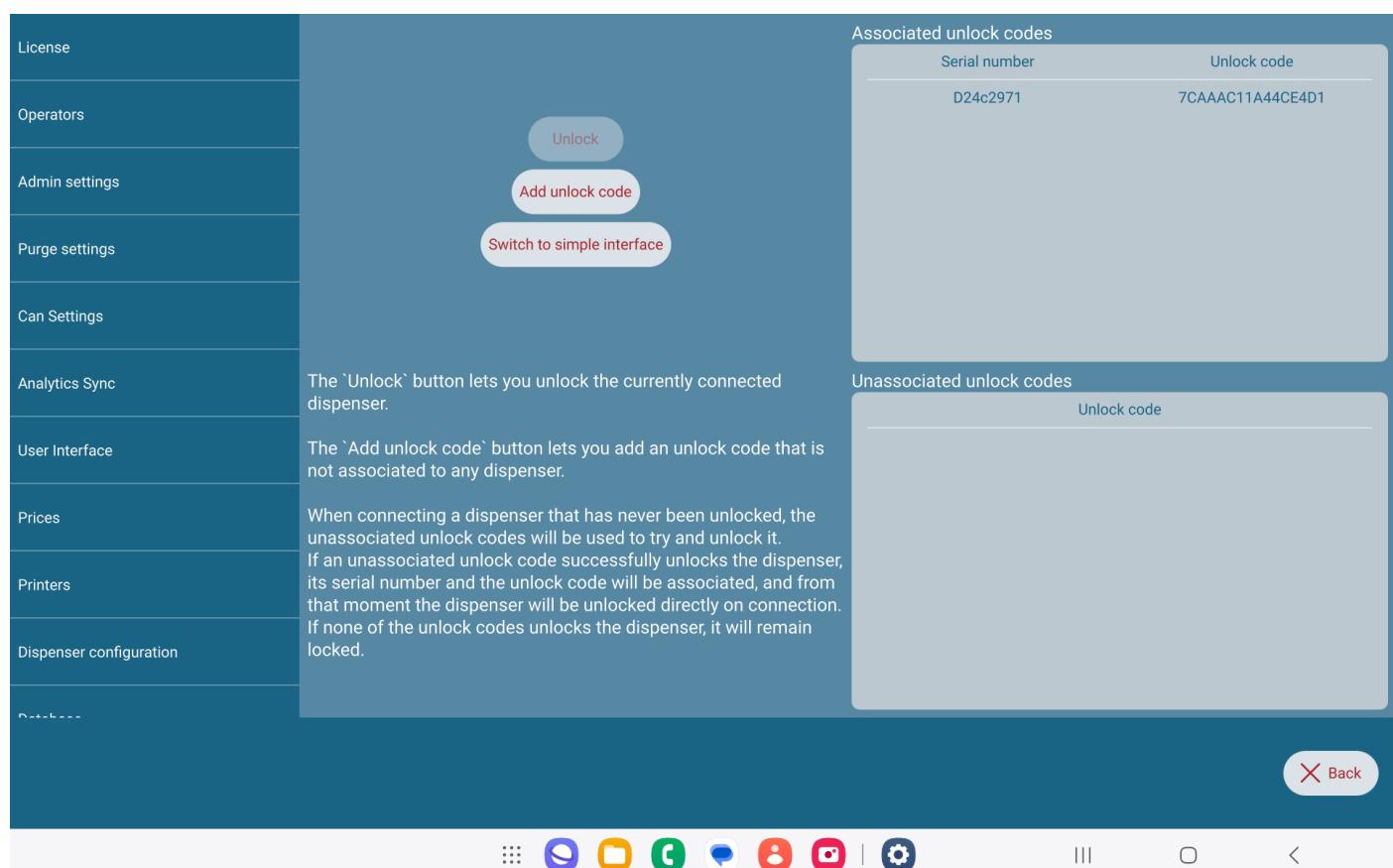
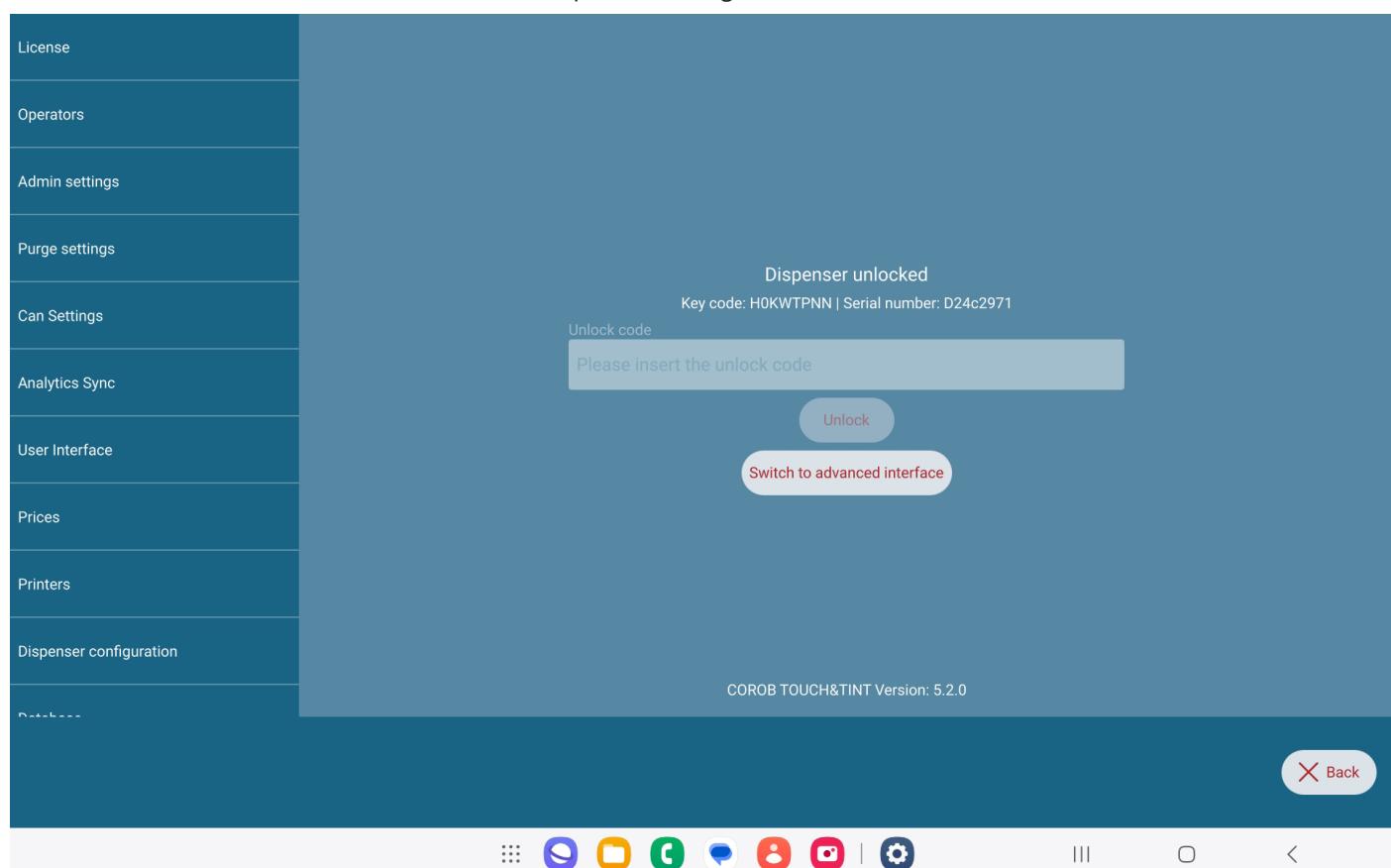
From the menu you can see the settings of:

- [License](#)
- [Software validity](#)
- [Operators](#)
- [Admin settings](#)
- [Purge settings](#)
- [Can Settings](#)
- [Analytics Sync](#)
- [User Interface](#)
- [Prices](#)
- [Printers](#)
- [Dispenser configuration](#)
- [Database](#)
- [Import theme](#)
- [About](#)

License

In this screen you can unlock the connected dispensers.

The list in the advanced interface will include all dispensers configured and that can be unlocked.



Operators

Operators		Session timeout [minutes] 0 to disable	<input type="button" value="-"/> 10 <input type="button" value="+"/>	<input type="button" value="Add operator"/>	<input type="button" value="Disable operators"/>
	Operator	Description			
	admin	Administrator			
	guest	Guest			
	user1	user			

Operators management screen. By default, operators are disabled.

The Guest operator can access the program without password. He can only access the basic program functions.

	It indicates User with Admin rights.
	It indicates User with Guest rights.
	It indicates User with Normal User rights.

For each operator, you can set a session timeout (in minutes); if the program is not used for this time (program inactivity time), the program working session will be logged off, and the operator will have to re-enter the password.

	This symbol next to the user means that he will have to enter a new password.
--	---

50 - Settings menu

The screenshot shows the 'Operators' section of the Touch&Tint settings menu. A modal window titled 'Operator details' is open for the operator 'user1'. The modal displays the operator's name, a star icon, and the role 'Administrator'. It also lists various permissions: Formula edit (checked), Dispensing (checked), Refill (checked), Dispenser commands (checked), Settings (unchecked), and Prices (unchecked). Buttons for 'Request password change' and 'Password change' are present. The background shows a list of operators with edit and delete buttons.

Only the Admin can insert a new operator and set the corresponding permissions and functions or disable operators.

The admin can also force the reset of the password for the operator being configured, or force a password change at the operator's next login.

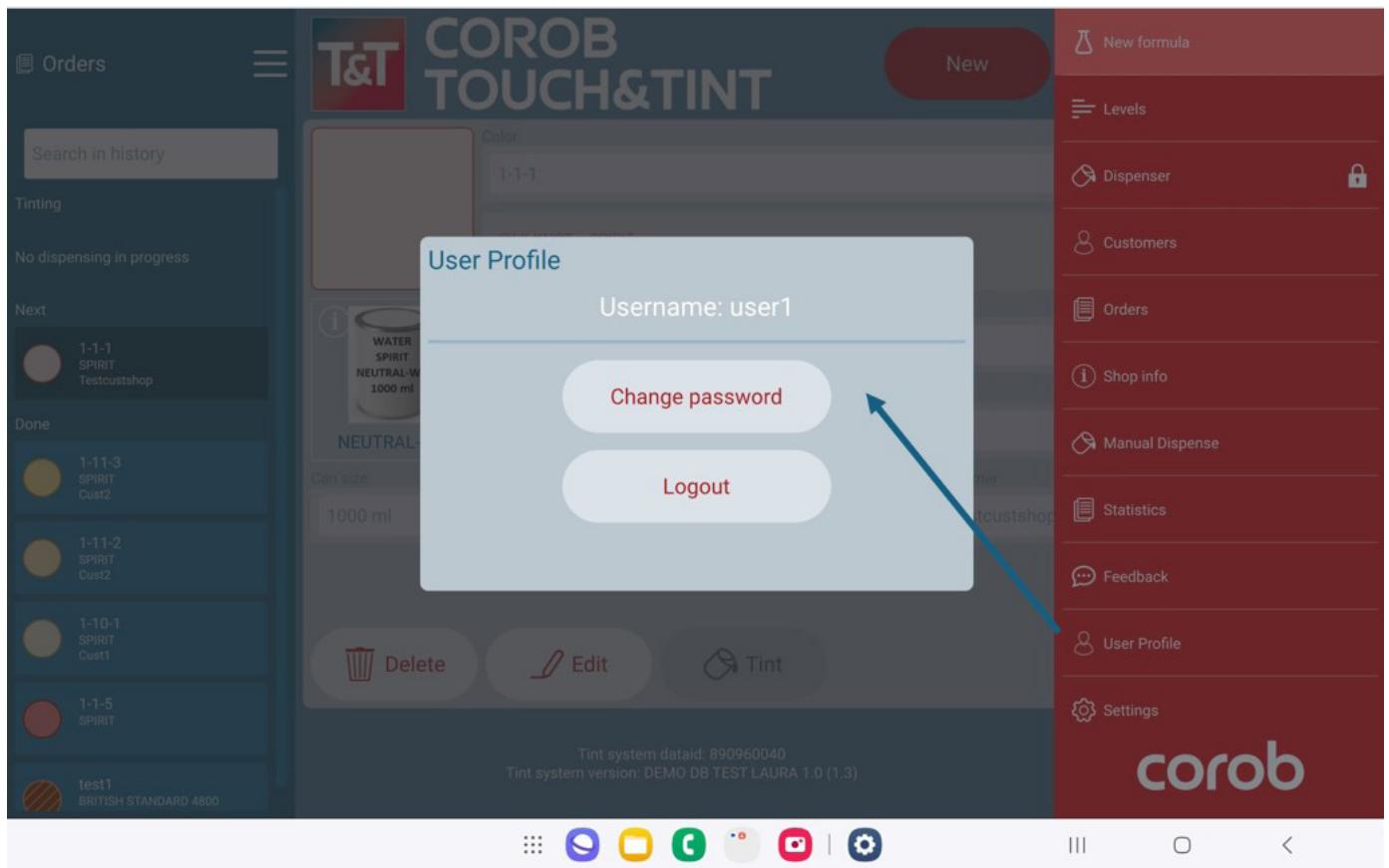
Permissions:

- Formula edit
- Dispensing
- Refill (colorant levels)
- Dispenser commands
- Settings
- Manual Dispensing
- Prices
- Database functions

Operator User Profile Access:

Once the **Operator role** is enabled, a **User Profile** menu becomes available.

- This menu can be accessed from the **Options** menu on the main tab.
- It allows operators to change their password directly from the interface, without requiring admin intervention.



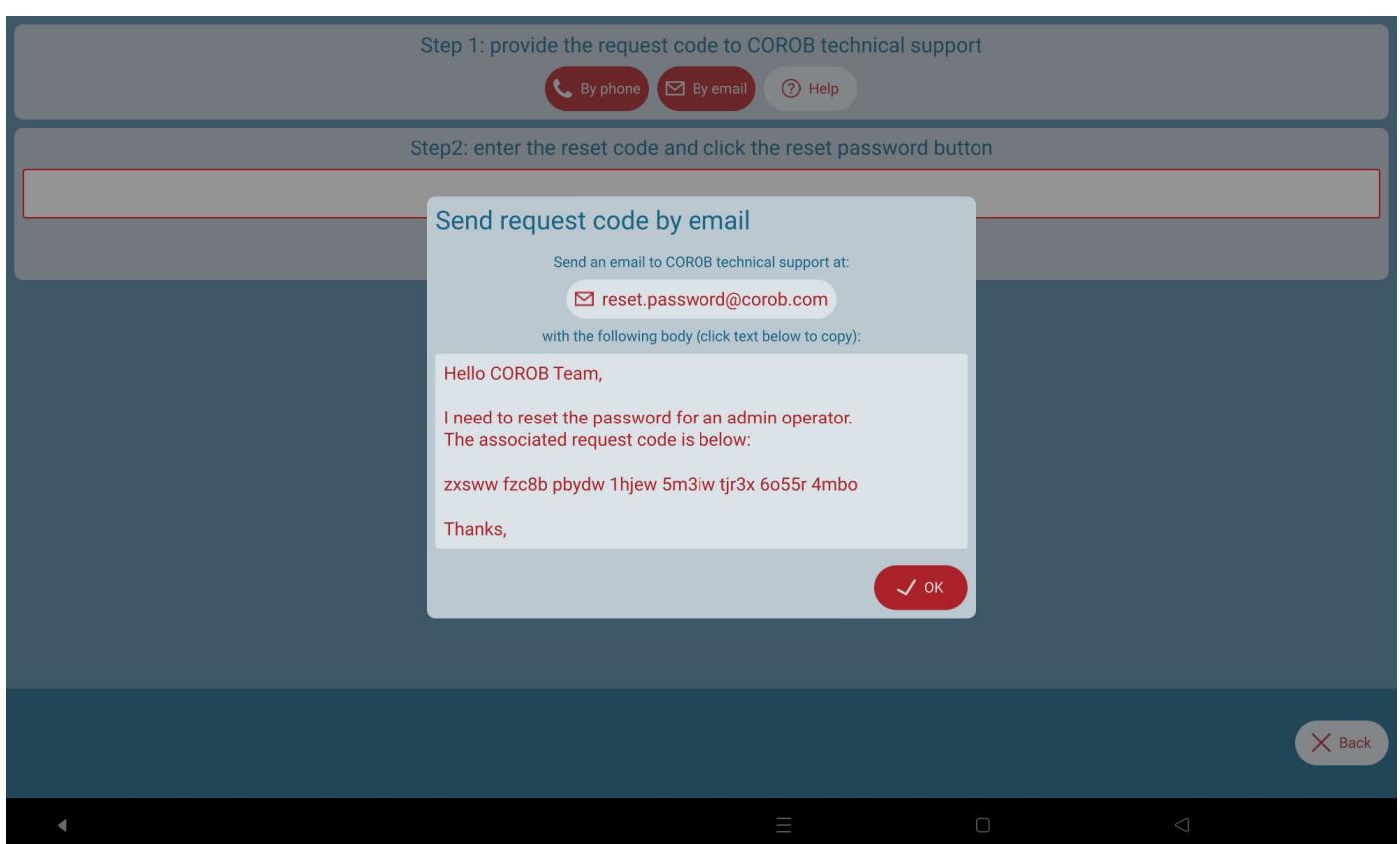
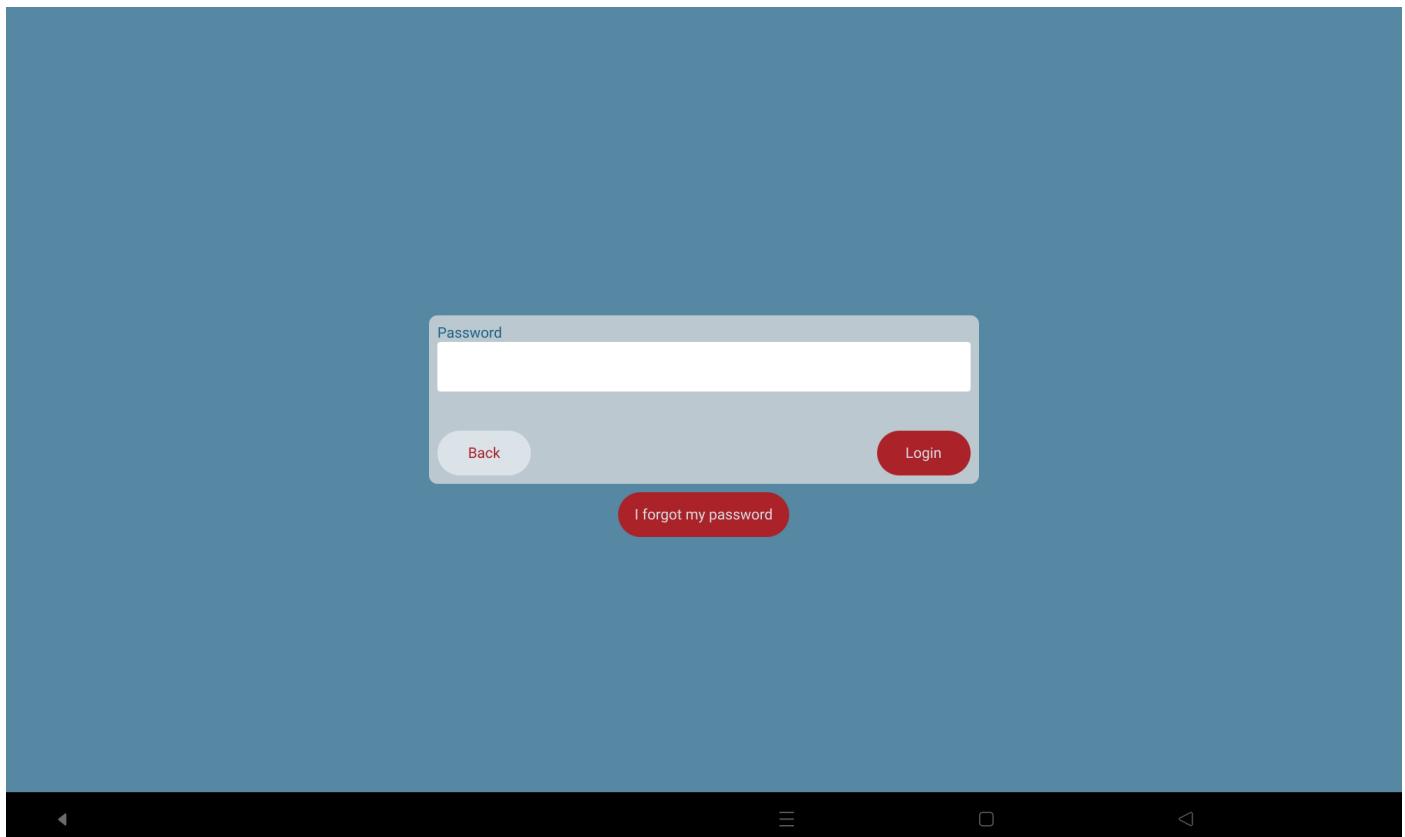
For each operator, you can set a session timeout (in minutes); if the program is not used for this time (program inactivity time), the program working session will be logged off, and the operator will have to re-enter the password.

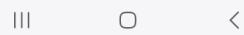
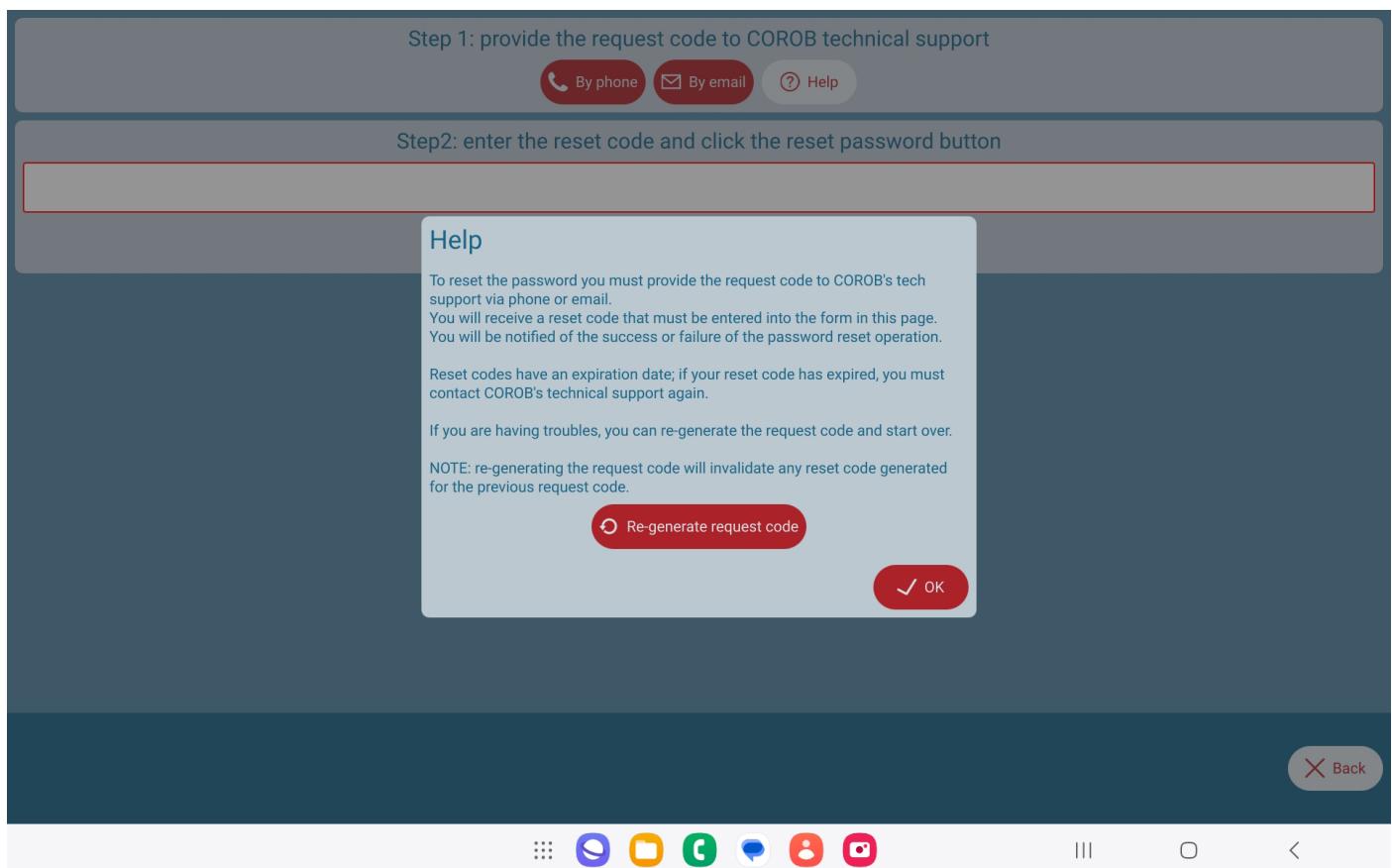
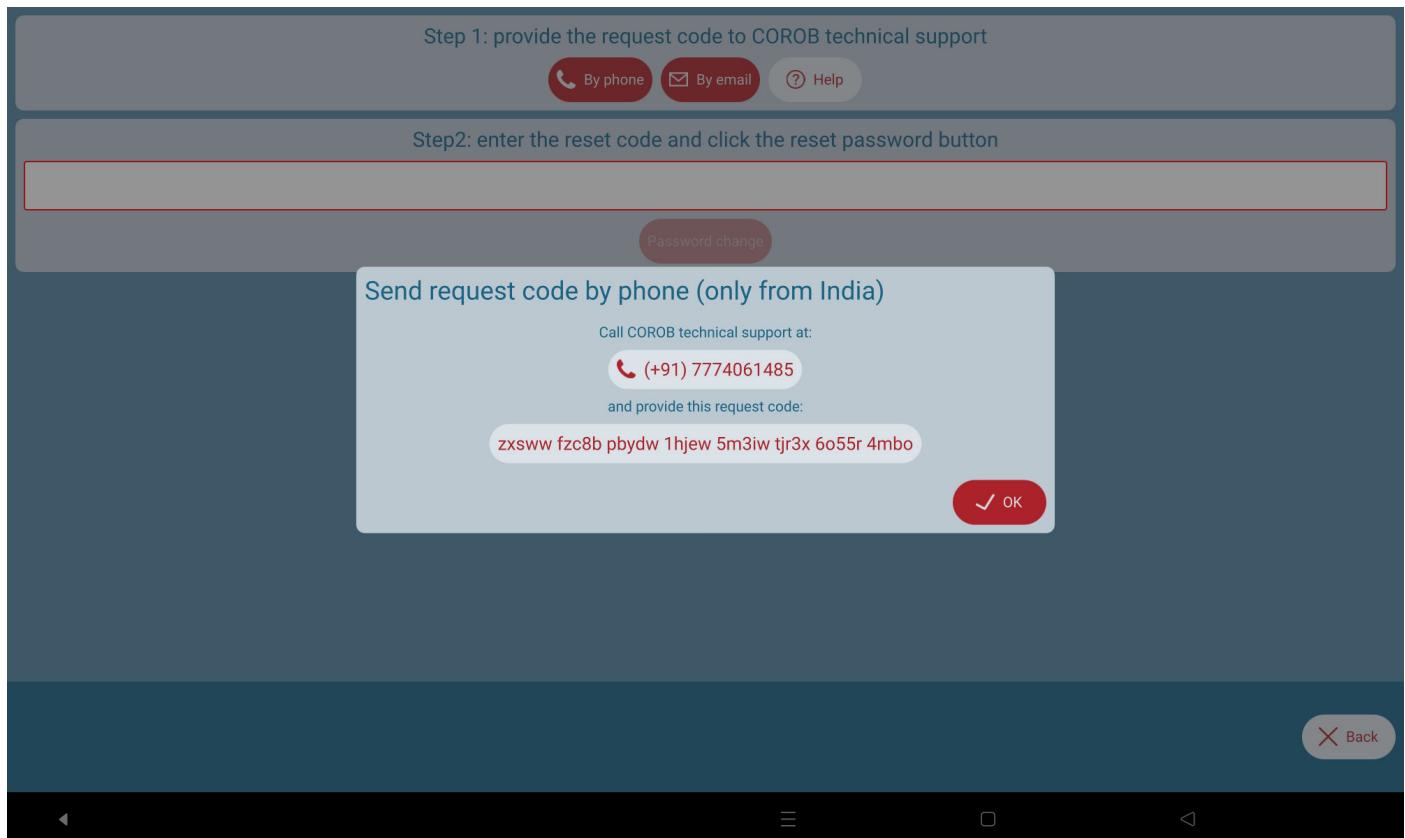
Reset Admin Password

The admin creates the users. At first login, each user can create his own password.

It is possible to reset the admin password if it is lost.

- Click on ***I forgot my password***
 - It will redirect to a page where two options are given:
 - Step1 - Send a request code via phone or send the request code via email
 - Step 2 - Enter the reset code shared by technical support and click on the **reset password** button.





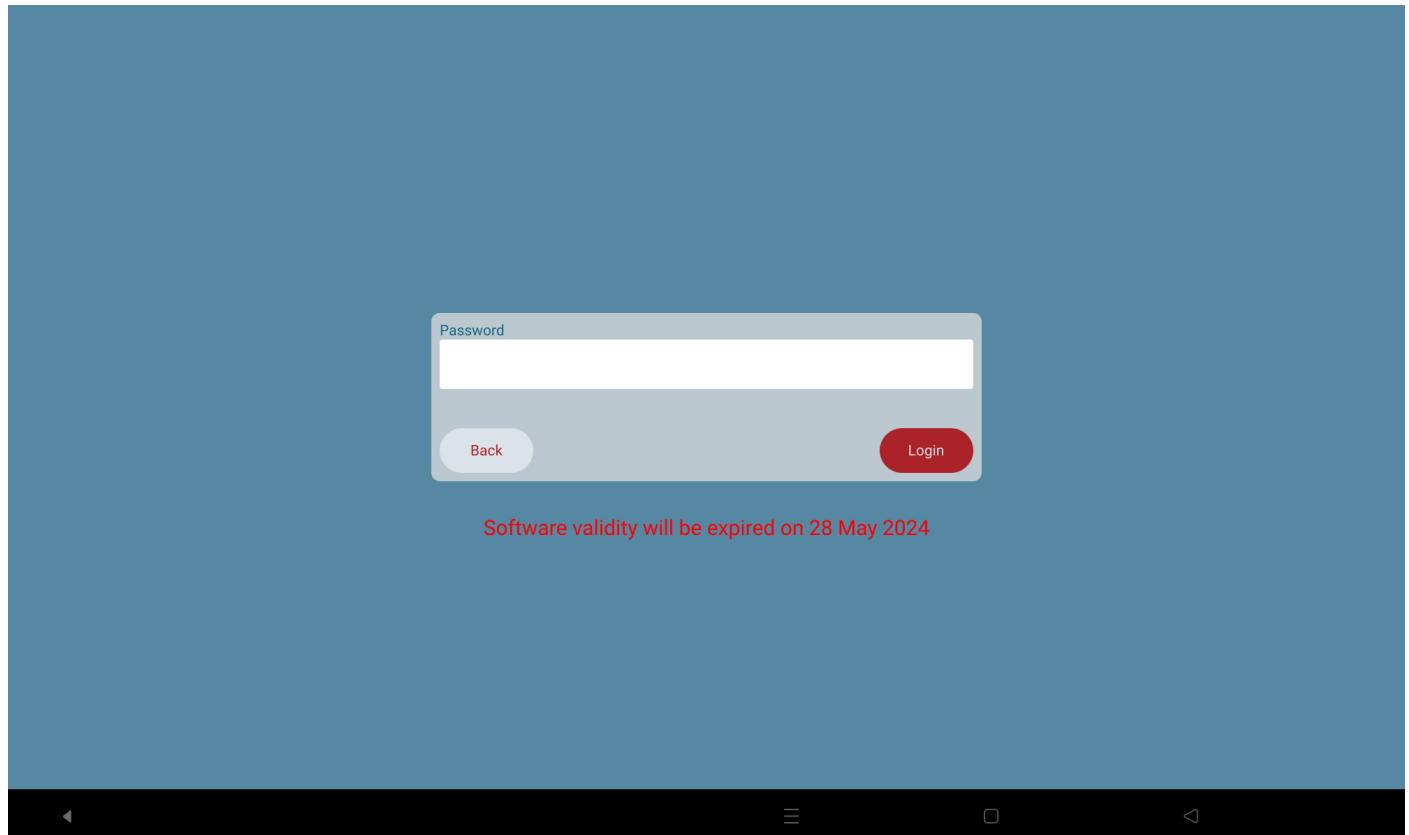
Software validity - admin login

1. When the operator management screen is enabled, the software validity module gets enabled.
2. Admin users need to click on **set passphrase**, which allows them to enter the passphrase.
3. Here, the validity period is set for locking the TOUCH&TINT used by non-admin users to a specified time range.
4. The user's license is about to expire as per the warning days set.
5. By clicking on the **Apply** button, the password is set for the next 30 days.
6. Admins can remove the passphrase set by using the **Remove** button.

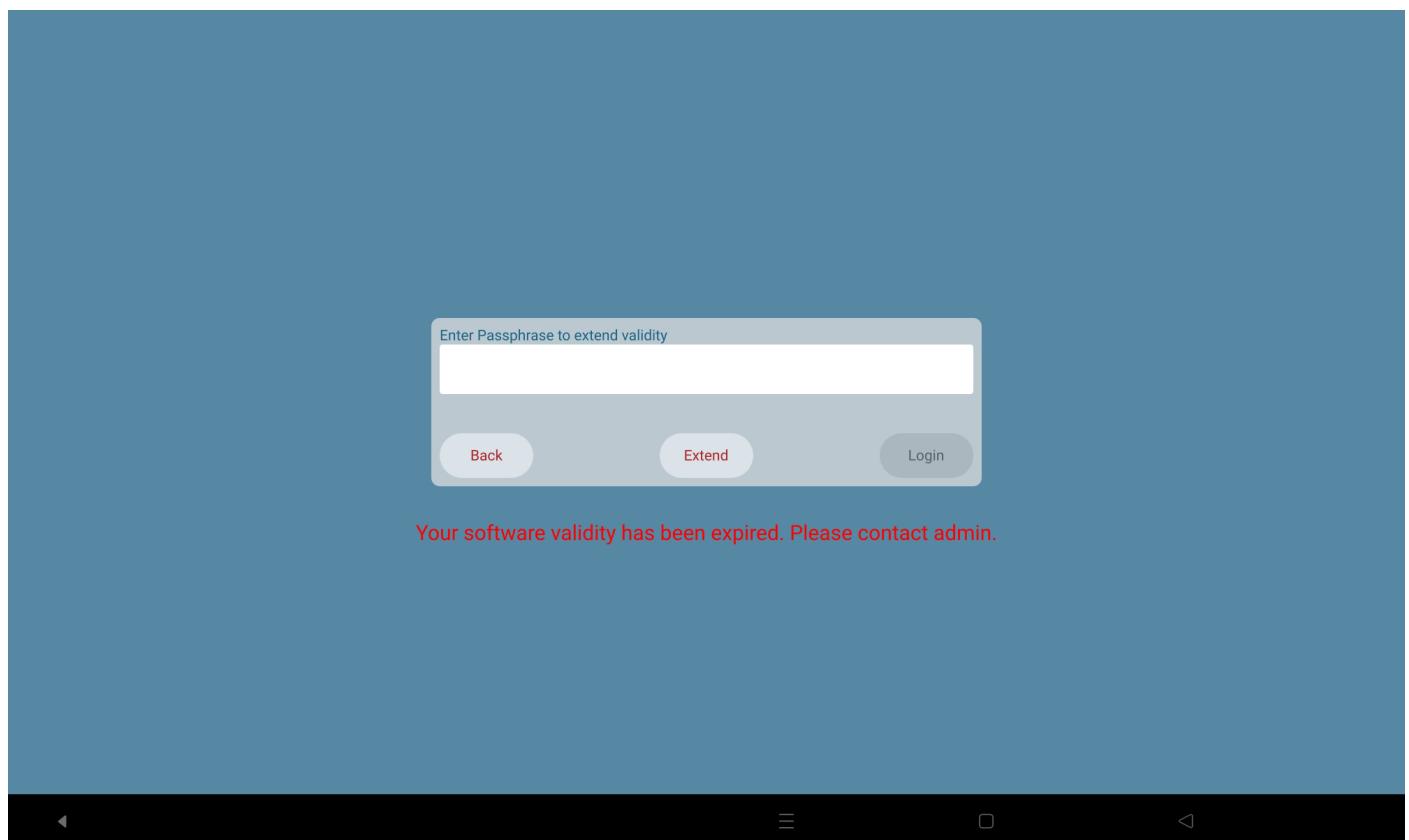


Software validity - non admin login

The login page shows a warning as per the settings set by the admin user.



The login page shows the validity expired. Here, the user needs to enter the passphrase set by the administrator to extend the software's validity.



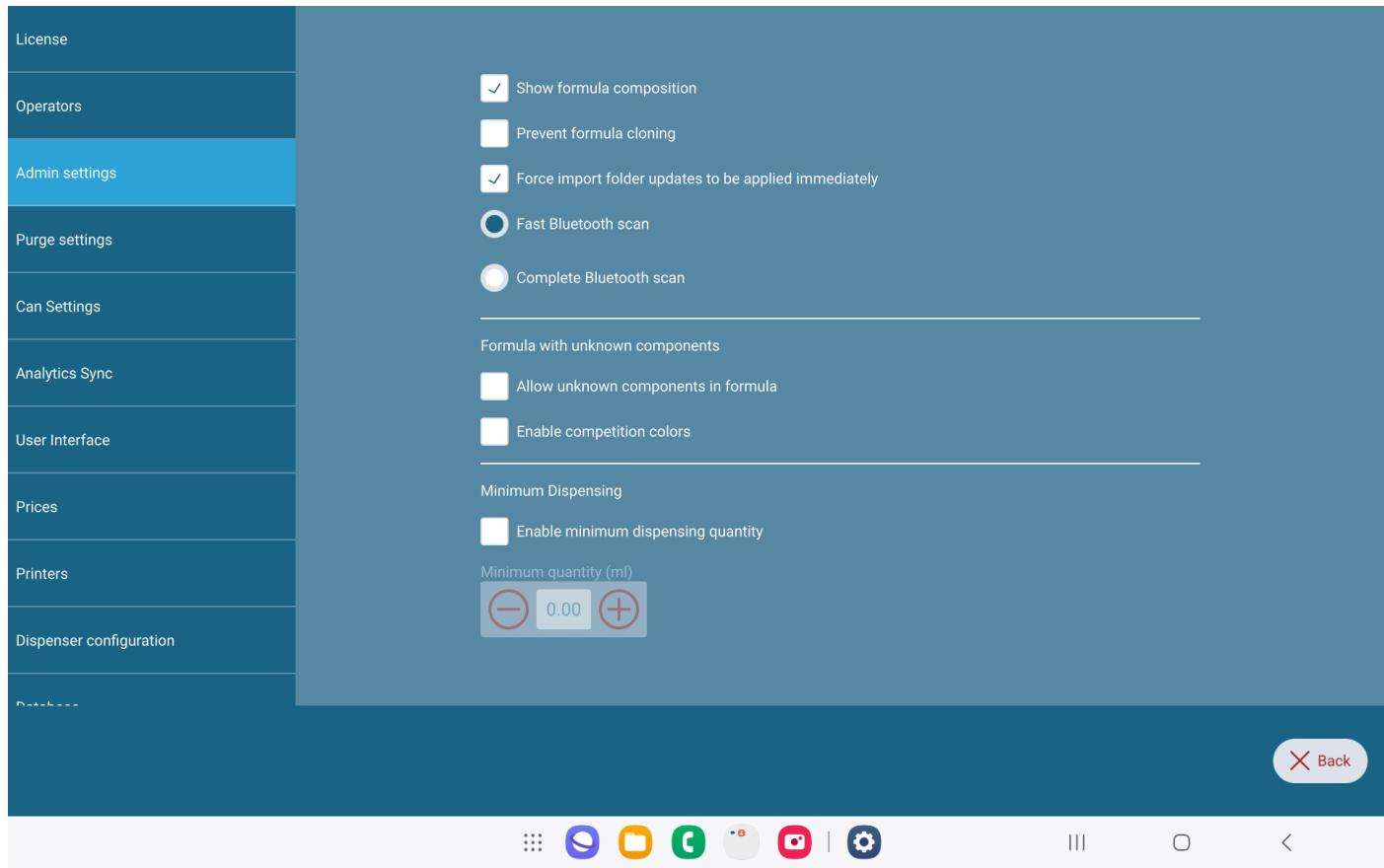
56 - Settings menu

Software validity - Non admin user settings

Here, the user can extend software validity based on a passphrase shared by admin prior to the validity date.



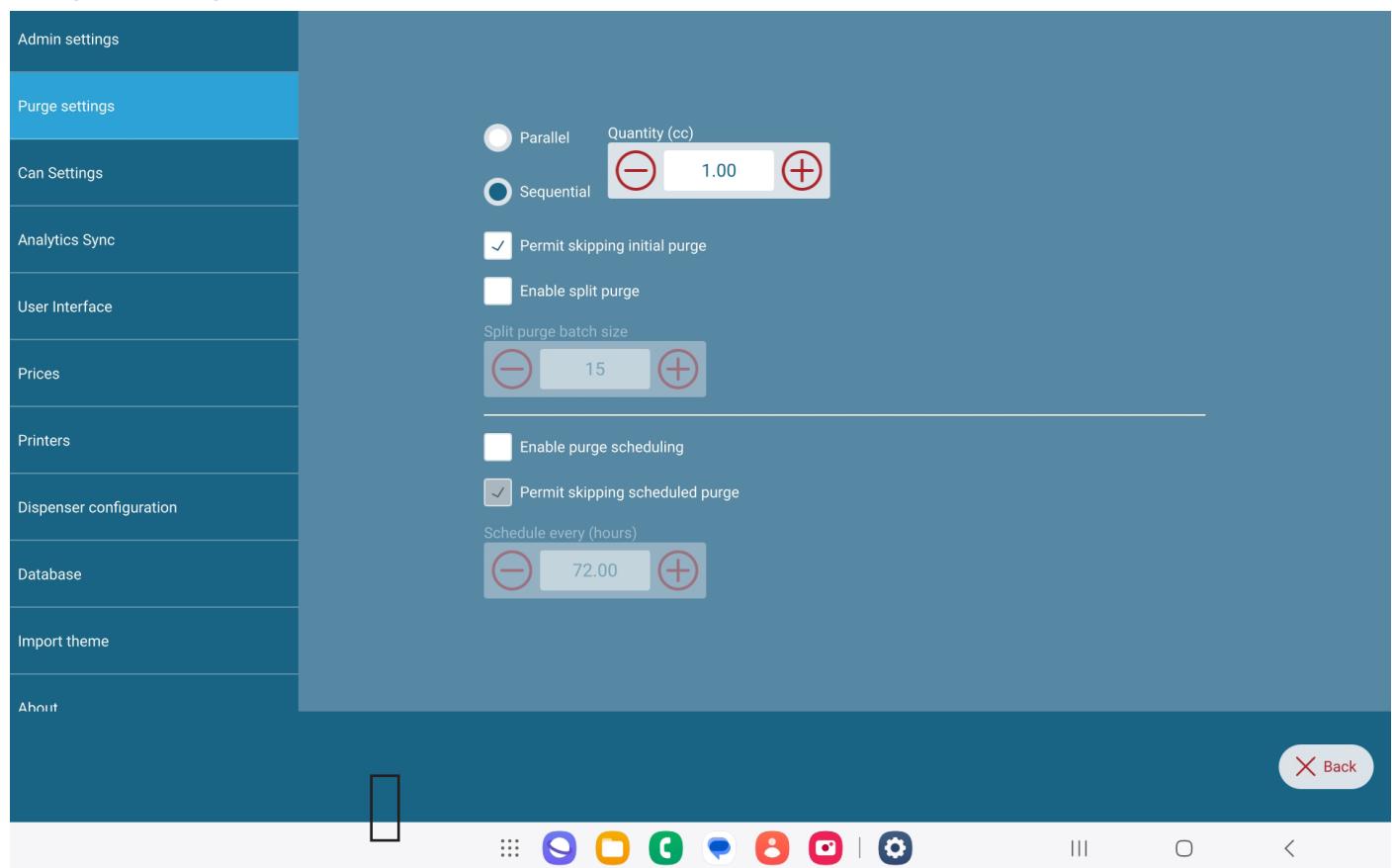
Administrator settings



1. An admin can decide if the main screen should show the formula composition or if you want to prevent formula cloning.
2. Check the import folder update option if you want that every time a file *.db is copied into the database import folder, the program imports it automatically at startup.

3. Import folder path: **Local | internal storage | Android | Data | com.corob.touchandtint | Data | Sync | Import**
4. Admin can also select **Fast/Complete BT scan mode** depending on its preference.
5. Now it allows tinting by excluding unknown components present in the recipe.
6. Now users can import a list of colors with their Lab values by selecting **Enable competition colors**.
7. **Minimum Dispensing Limit** - This feature improves tinting accuracy, reduces waste, and enhances reliability.
 - **Admin-Defined Threshold:** Set a minimum dispensing quantity in system settings to ensure precision.
 - **Automatic Blocking:** If any colorant is below the minimum threshold, the software blocks tinting and notifies the user.
 - **Applies Across All Dispensing Modes:**
 - Standard Dispensing
 - Custom Recipes
 - Manual Tinting

Purge settings menu



Configuring purge options allows to optimize this process and reduce colorant usage.

- **Parallel** = from all circuits
- **Sequential** = one circuit at a time

You can split the number of circuits into two batches to execute the purge on circuits.

You can set the possibility to skip Purge.

Purge can also be scheduled to take place at specified time intervals.

Can settings

License	Can Settings					
Operators	Description:	Can height (mm)	Height (max)	Height (min)	Always lower shelf	Reference position
Admin settings	375 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Purge settings	500 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Can Settings	750 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Analytics Sync	1000 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
User Interface	2500 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Prices	3000 ml	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Printers						
Dispenser configuration					Update	

✖ Back


Analytics sync

Sync Configuration

Use default 24 hrs Use Configured Time

Frequency of Sync

First

Hour: : Min: Hour: : Min: Hour: : Min:

Enable automatic analytics synchronization

Last attempted sync was on 2024/01/31 at 14:17:24

Last successful cloud sync was on 2024/01/31 at 14:17:26

Last successful file sync was on 2024/01/31 at 14:17:24

NOTE

An active internet connection is required.

The synchronization function allows to send orders history information to the Cloud, for statistics purposes.

The option **Enable automatic analytics synchronization** sends the export of the orders history to the Cloud once a day.



NOTE

An active internet connection is required.

The program exports only the dispensing orders made after the last synchronization executed.

To execute synchronization in any moment, press **Sync now**.

User interface

Current language
English (US) – English (US)

Days of history
7

Zoom: 100%

Show base code during order creation

Show base description during order creation

Colorant representation
Colorant description

Enable custom can size

Enable stop dispensing

Unit of measure for Levels
ml

Unit of measure for Formulas
ml

Primary color key
Key1

Rounding of quantities
Original decimal digit

Custom Labels

Product	<input type="text"/>
Subproduct	<input type="text"/>
Color	<input type="text"/>
Standard Price	<input type="text"/>

In this screen you can change the appearance of the application and decide which information to show.

Here you can also enable or disable the custom can size. You can change:

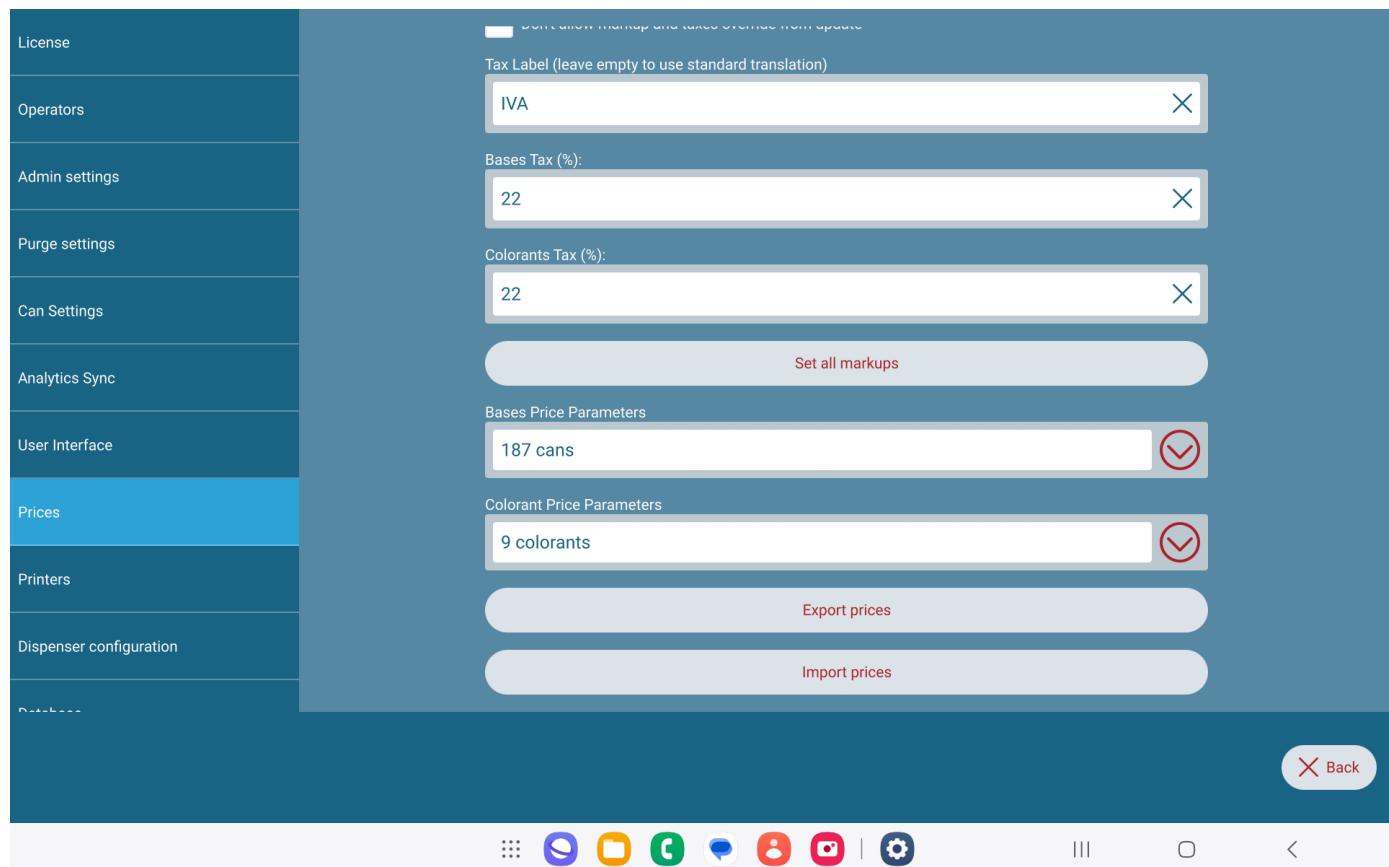
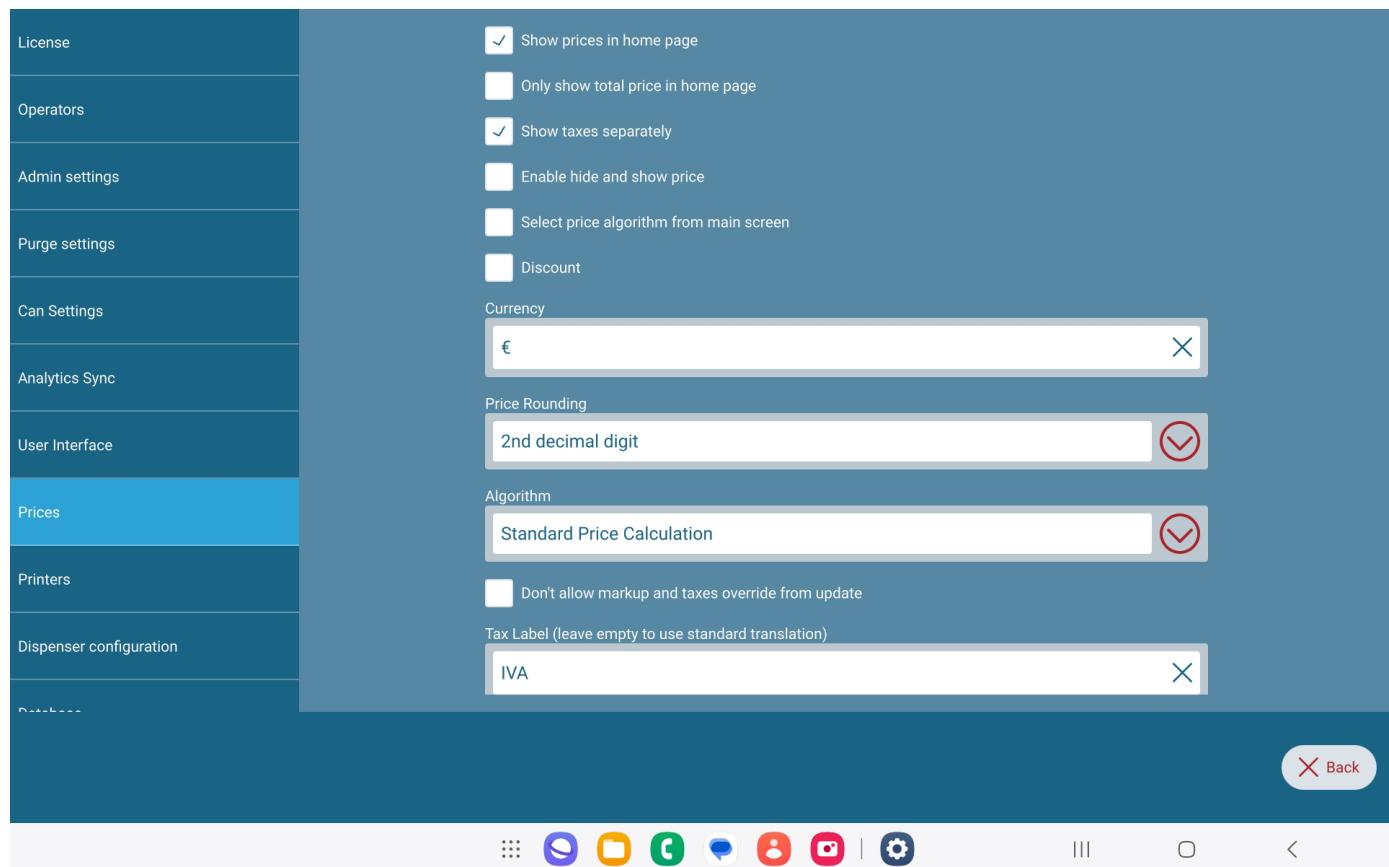
1. Language selection.
2. time range for order history in the main screen.
3. application font size and zoom changes (screen objects).
4. which base information to display during order creation.
5. units of measurement used in the levels screen and formula edit screen.
6. which is the primary color key used to display formulas.
7. Rounding of the formula
8. Custom labels can be implemented as an identifier for a product, subproduct, color, or standard price.

Prices

This is where you can set all the parameters in order to display the order price in the main program screen.

You can use the single price settings functions or use **Export** and **Import** functions.

The **Export/Import** functions allow to configure easily all price and markups parameters by exporting and loading an Excel file.



Excel file structure

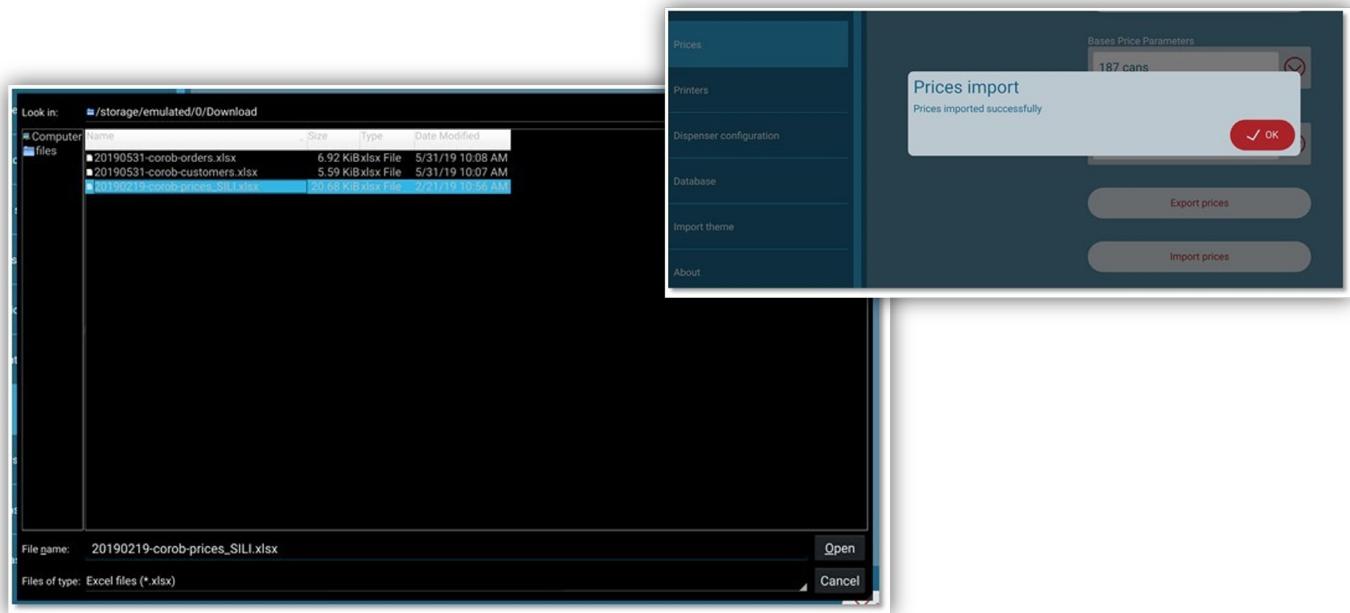
The first time you have to configure prices using the Excel file import/export function is:

1. Press **Export prices** to save the Excel file, with all the bases and colorants structure, for both calculation types (STD and MRP).
2. Fill in the data for prices, markups, tax, etc.
3. Press **Import prices** to load the prices data in the program.

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Import prices

Import the file



Base prices

Screen for association of prices to the bases.



NOTE

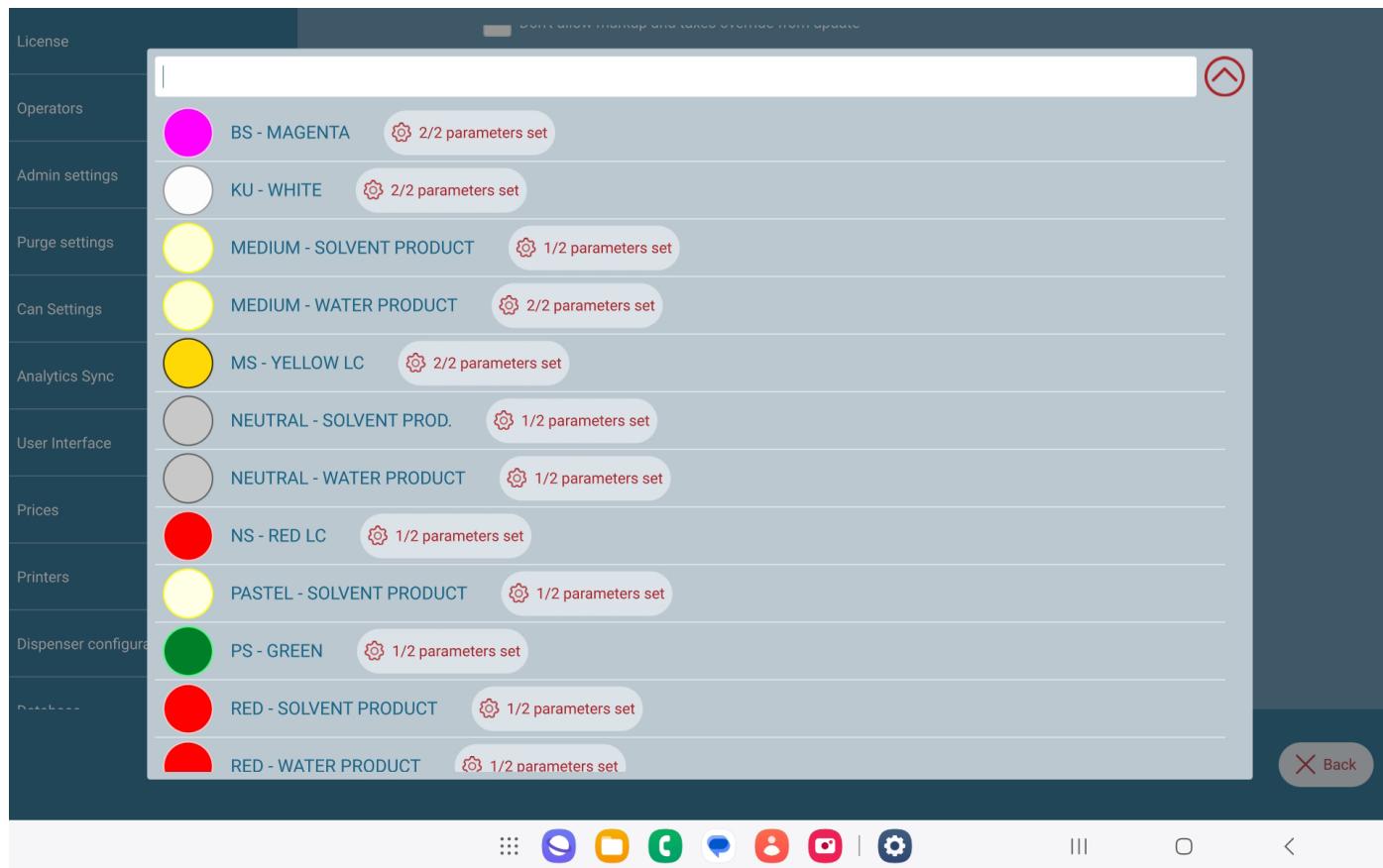
The import prices feature makes price configuration very quick.

Come to this screen to change the prices per each base, only in case the import has failed or if you want to make single quick changes.

Base paint cans are grouped together based on the product/subproduct they are allowed for.

Colorant prices

Screen for association of prices to the colorants.



NOTE

The import prices feature makes price configuration very quick.

Come to this screen to change the prices per each colorant, only in case the import has failed or if you want to make single quick changes.

You can set:

- Colorant Cost per Unit (€/L)
- Colorant Markup %

Printers

Screen to select the printer model to use.

Operators

Labels

Available Labels

Label 1

Label 2

Printers

Available printers

Refresh

Name: XXZSJ192100072 MAC: 74:D2:85:73:49:D0

Name: LW-600P MAC: FC:08:4A:C2:3B:90

Default Label

Color
Product
Base
Quantity
Date

Default printer

Name: XXZSJ192100072

MAC: 74:D2:85:73:49:D0

Back

Operators

Labels

Available Labels

Label 1

Label 2

Printers

Available printers

Refresh

Name: XXZSJ192100072 MAC: 74:D2:85:73:49:D0

Name: LW-600P MAC: FC:08:4A:C2:3B:90

Default Label

Color
Group
Product
Can Size
Total Price
Date

Default printer

Name: XXZSJ192100072

MAC: 74:D2:85:73:49:D0

...

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The following Bluetooth® printers are supported by TOUCH&TINT:

- Epson LabelWorks LW-600P (option to print Label 1)
- Seiko DPU-S445 (option to print Label 1)
- Zebra ZQ120 (option to print Label 1 or Label 2)

In case you need other printer models to be added for possible configuration, contact COROB to implement them.

**NOTE**

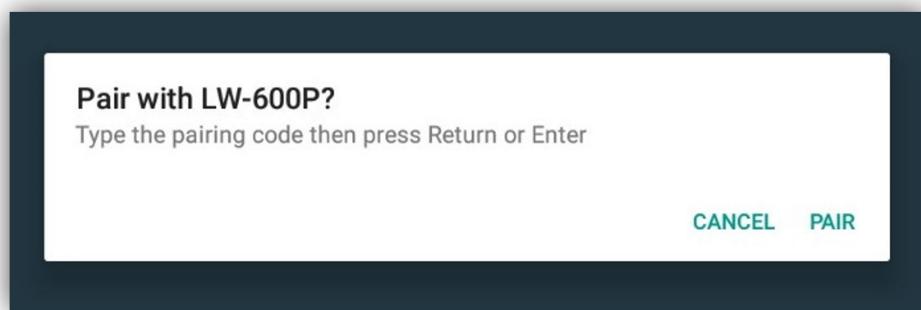
Only printers with Bluetooth® connection can be added.

To print from the TOUCH&TINT program it is not necessary to install any driver. You must pair the device to the printer via Bluetooth® connection.

Press the **Refresh** button to search the presence of devices.



When the printer is detected, the following pop-up screen appears:



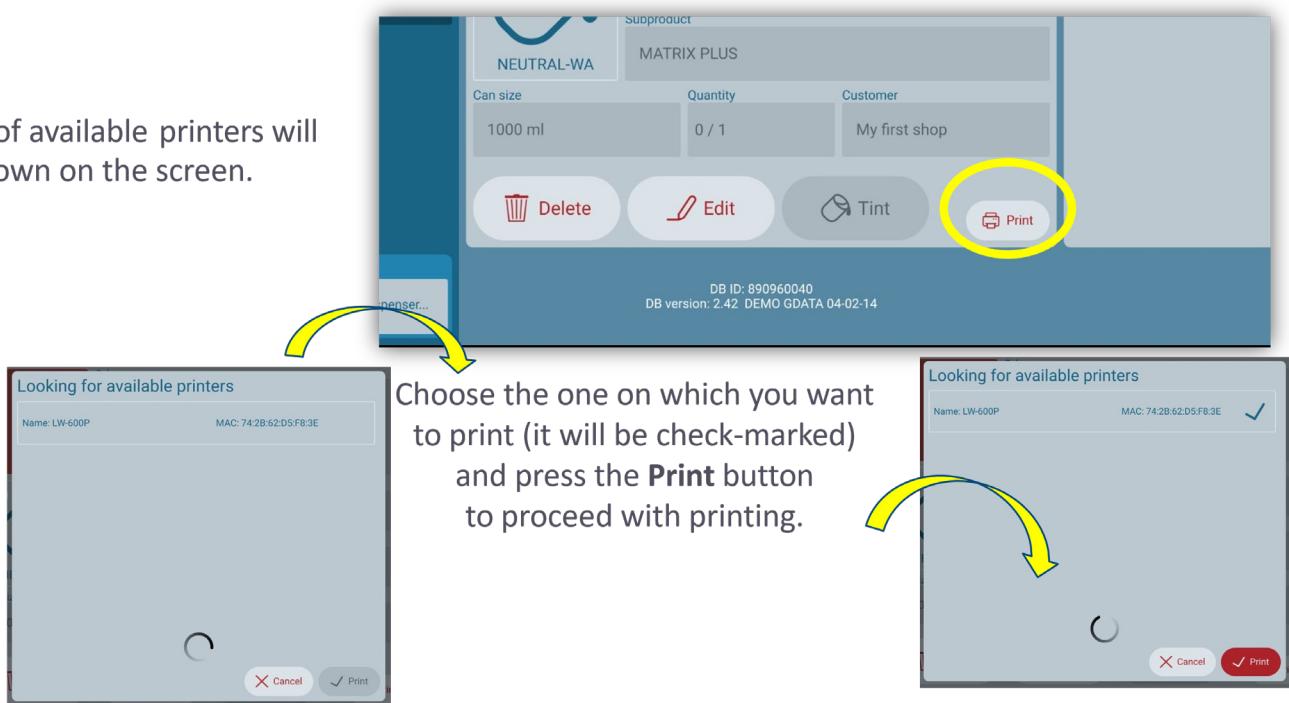
Press **Pair**. When the two devices are correctly paired, the screen will display the printer information:

Once the connection has been established, you can print from the main screen (**Print** button).



Printing from the main screen

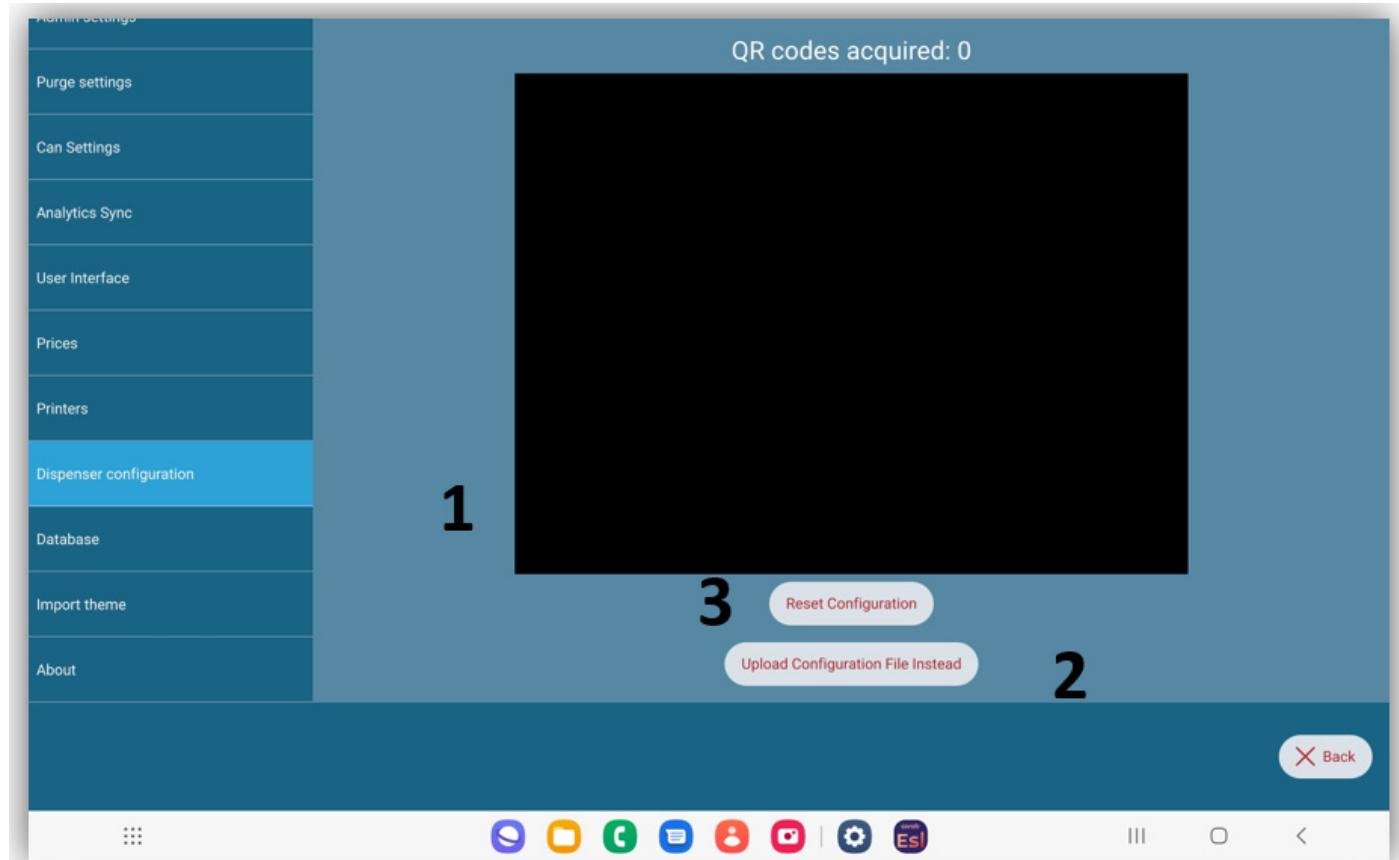
A list of available printers will be shown on the screen.



A list of available printers will be shown on the screen.

Choose the one on which you want to print (it will be check-marked) and press the **Print** button, to proceed with printing.

Dispenser configuration



The EVOservice configuration program converts all configuration data into **QR codes/ .cal file, that must be read by TOUCH&TINT**.

Configuration is done in two methods:

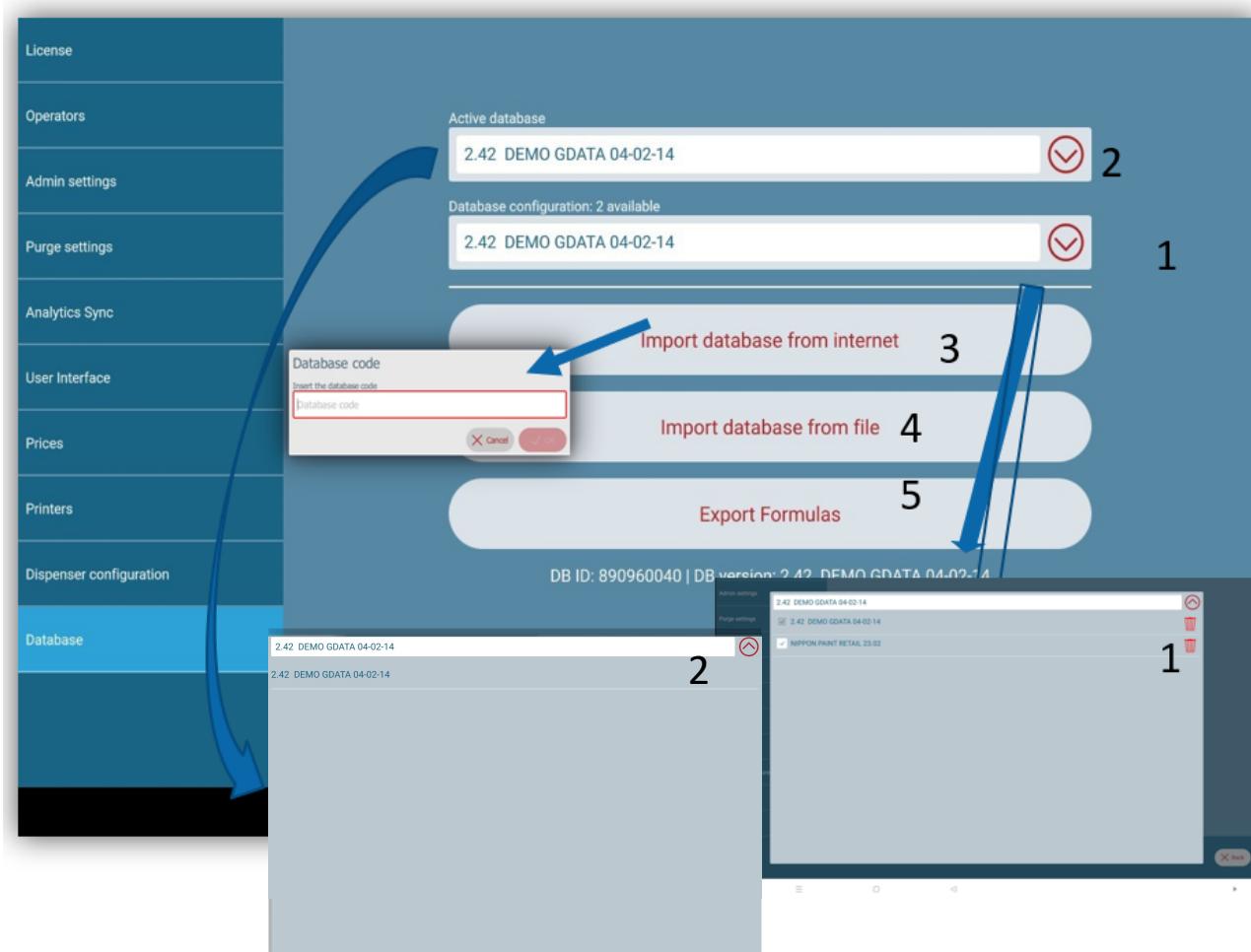
1. **Reading all QR codes of machine configuration is essential to make the machine work.** If it has not been done from

the Setup Wizard, you must read the QR codes from this settings page.

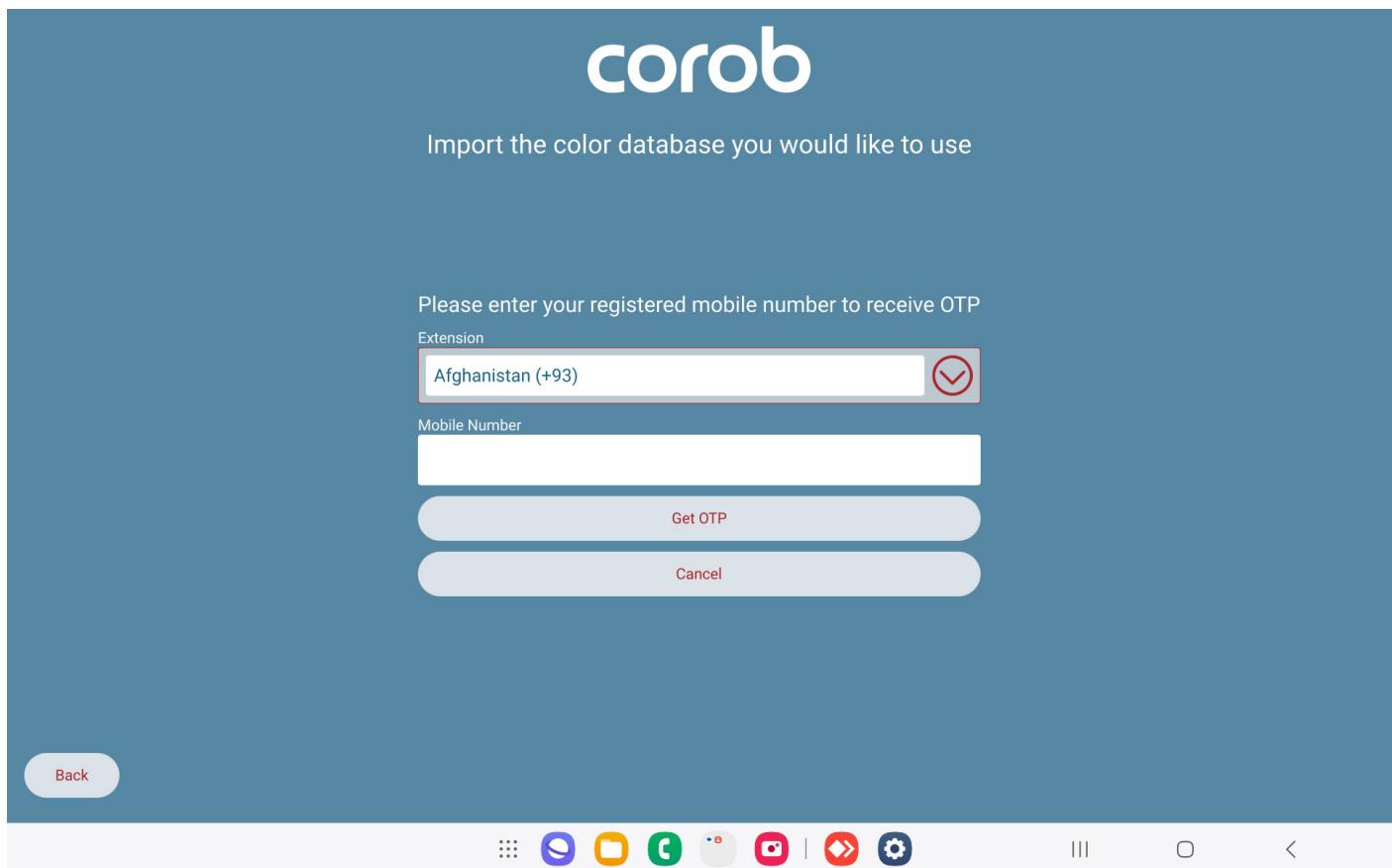
2. **Reading single file transfer from EVOservice (.cal file).** It has to be uploaded from local path and works quicker compared to scanning QRs.
3. **If a machine configuration is already present (i.e., you have read some QR codes/.cal file before), you will have to load a new configuration (because machine circuits configuration has changed), you have to remove the existing configuration by pressing Reset Configuration. Then, proceed with reading the new set of QR codes/.cal file.**

Database

1. You can view the list of all available databases and can configure it for usage. You can check the databases which you want to set as enabled for active usage. Also, you can delete configured database permanently, except active ones.
2. You can view the list of all enabled databases and can switch the database to apply and use it in the program.
3. Import the database that is uploaded in the COROB Cloud, by typing database code.
4. Import the COROB Cloud format database (Xdata file) from a disk folder.
5. Export custom formula from current database.

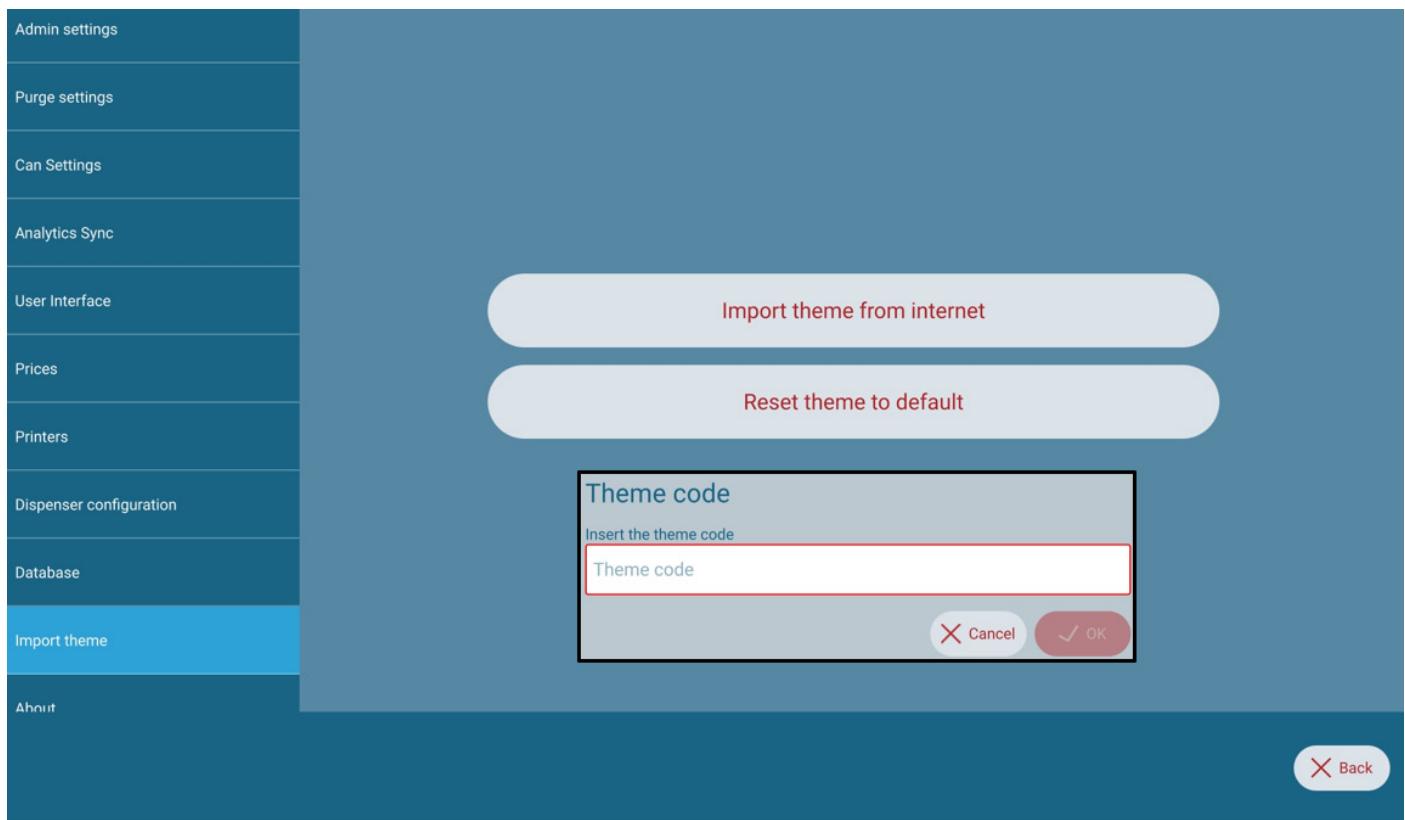


On adding database code that has 2FA enabled on Corob Cloud, the users will now be directed to a pop-up page for verification. To be filled same as during installation.



Import theme

1. You can import in the program the theme that is uploaded in the COROB Cloud by typing here the theme code.
2. Press **Reset** theme to default to go back to the program's default theme.



About

The About screen contains information about program version and copyright notes.

MAIN SETTINGS

Purge settings

Can Settings

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Database

Import theme

About

COROB TOUCH&TINT

Version: 5.3.0
 Build version: 5.3.5 ◊ touchandtint-v5.3.5 (arm64 on android arm64)
 NextDriver version: 3.1.0
 Tint system dataid: 890960040 | Tint system version: 2.42 DEMO GDATA 04-02-14 (3.0)
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