

# COROB TRUEcolor

QUICK GUIDE FOR USE, SETTINGS AND OPTIONS

Software Version: 4.13.0

COROB

SEP.2023[V4.6]

corob

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# INTRODUCTION

**COROB TRUecolor** is the PC-based POS tinting program, ideal tool to work together with **COROB TRIGEN, EXTRA and 5G platform based colorant dispensers.**

This guide will teach you how to install and configure your program and quickly setup your system, so you can easily be ready to work.

# SYSTEM REQUIREMENTS

## Minimum system requirements

- Processor: 1 GHz or higher, 32-bit (x86) or 64-bit (x64)
- Operating System: Windows 8 or later
- RAM: 1 GB RAM (32-bit) / 2 GB RAM (64-bit)
- Hard Drive: 20 GB (32-bit) / 25 GB (64-bit)
- Screen Resolution: 1280x800 pixels
- Video board: Support Open GL 2.1 or higher and related drivers
- Ports: 1 USB port

## Recommended system requirements

- Processor: Intel Core i3 or higher
- Operating System: Windows 10
- RAM: 4 GB
- Hard Drive: 64 GB
- Screen Resolution: 1440x900 pixel
- Video board: Support Open GL 2.1 or higher and related drivers
- Ports: 2 USB ports

# INSTALLATION

Be sure to have the following items at your disposal:

1. COROB TRUEcolor software license ID and password.
2. *CorobTECH calibration & configuration program (for TRIGEN & EXTRA dispensers)*
3. *EVOService calibration & configuration program (for 5G dispensers)*
4. Code to install your database.

After the installation, 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.

# INSTALLATION WIZARD

CONFIGURATION OF THE PROGRAM AT FIRST LAUNCH

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# INSTALLATION WIZARD

Select language.

A status dot indicates if the PC is connected or not.



# INSTALLATION WIZARD

## Insert information about your Shop (Point of Sale).



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.

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

A screenshot of a web browser window showing the 'Configure Point of Sale info' screen of the Corob installation wizard. The browser title is 'TRUEcolor'. The page has a dark grey background with the 'corob' logo at the top. The form contains several input fields: 'Customer name' (with 'POS' entered and a close button), 'Store code', 'Company name', 'Email', 'Phone number', 'Address', 'City', 'Zip code', 'Country', and 'State'. At the bottom, there are 'Back' and 'Next' buttons, and a status indicator that says 'Searching for dispenser...'. The 'Address', 'City', and 'Country' fields are highlighted with red borders.



# INSTALLATION WIZARD

Select if you want to enable/disable operators management.

If you enable operator 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.

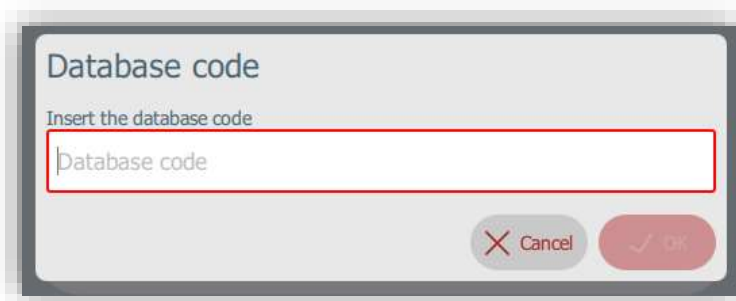


# INSTALLATION WIZARD

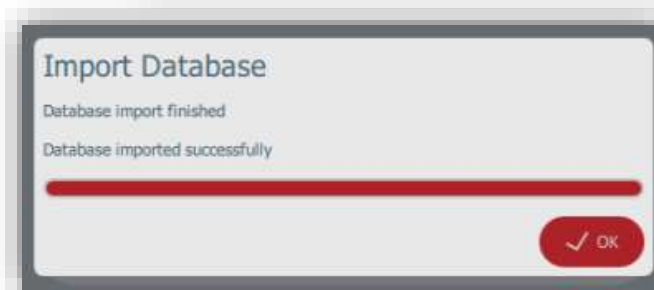
Import your database from the internet.

You can create your own database on the cloud

<http://www.corob-cloud.com>



The database code is made up of 6 characters. A valid database code is needed to proceed ahead



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

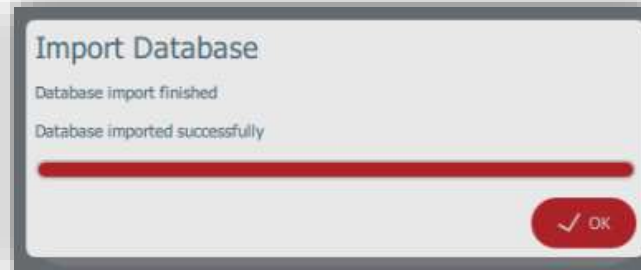
# INSTALLATION WIZARD

## Import your database from file.

1. You can view the list of all enabled databases and can switch the database to apply and use it in the program.

2. You can view the list of all available databases and can configure it for usage.

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



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

# INSTALLATION WIZARD

The configuration procedure is finished.



# MAIN WINDOW & ORDER CREATION

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# MAIN WINDOW

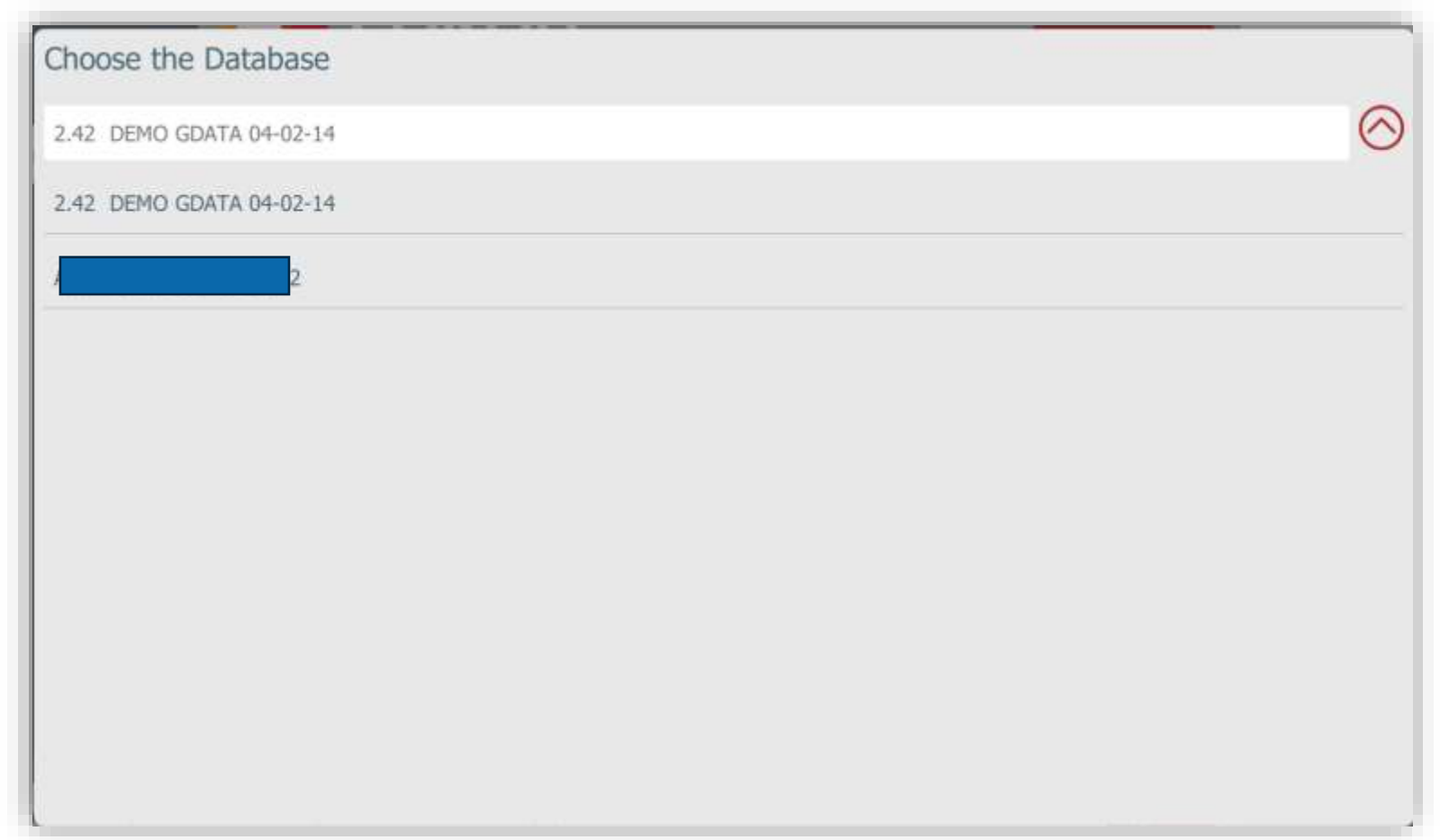
In this window it is possible to:

1. New order is selected from existing recipes.
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



# CHOOSE THE DATABASE

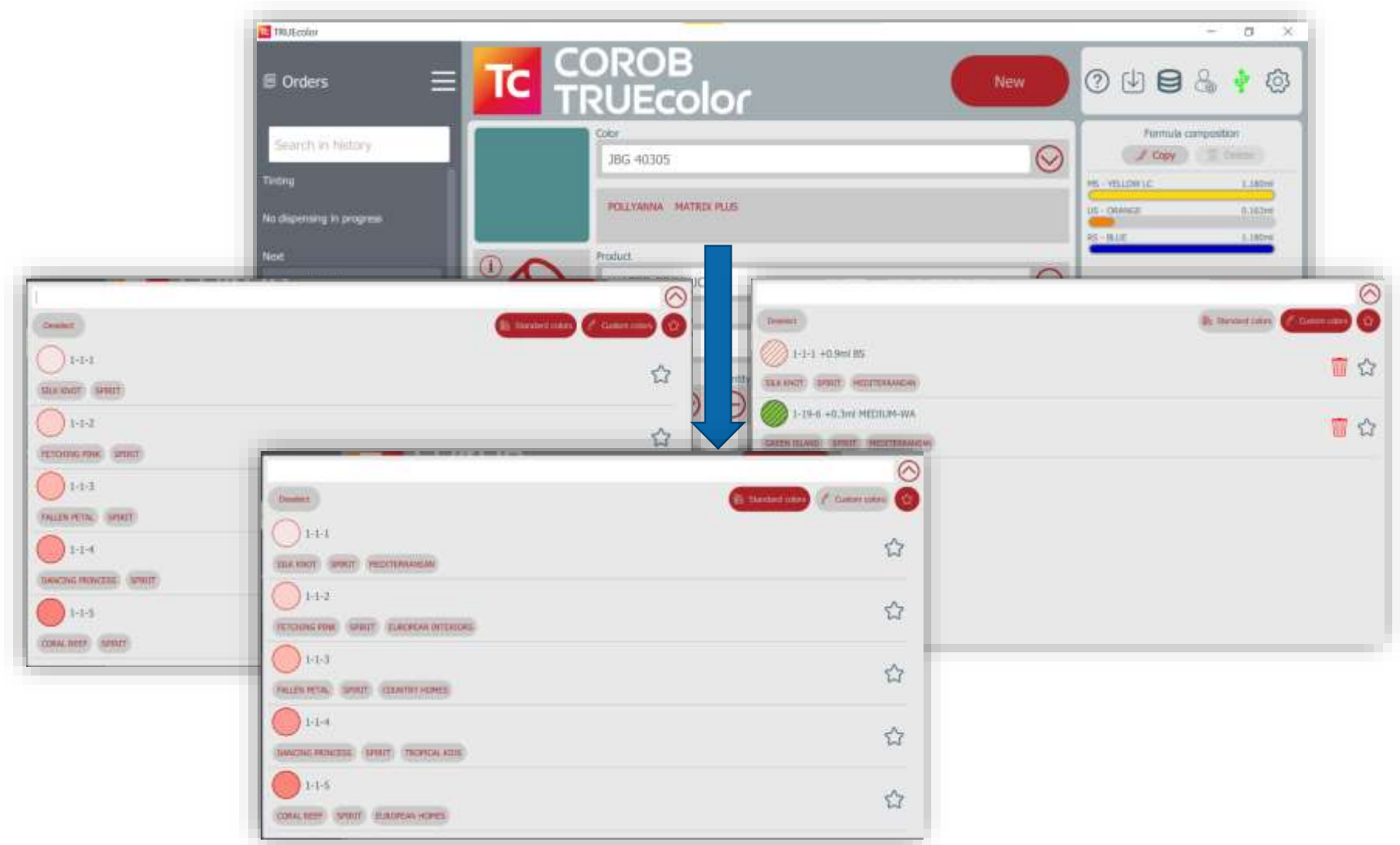
Click on the database icon  to select database.



# CREATE ORDER

Press the NEW button.

Select Formula, Product, 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.



# CREATE ORDER

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

The MENU button at the top-right of the window allows you to display the program options menu.



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

# INFO BUTTONS



INFORMATION ABOUT THE BASE AND CUSTOMER DETAILS

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

The screenshot shows the COROB TRUEcolor software interface. The main window displays an order for 'NEUTRAL-WA' with a color key '1-1-1 +0.9ml BS'. Three yellow circles highlight the 'Info' icons (i in a circle) located on the color key, the product name, and the customer name. Three blue arrows point from these icons to three separate pop-up windows:

- Base Info:** Displays 'Base code: NEUTRAL-WA' and 'Base description: NEUTRAL - WATER PRODUCT'. It includes a magnifying glass icon and the text 'No documents for base NEUTRAL-WA'.
- Color Info:** Displays 'Key 1: 1-1-1 +0.9ml BS', 'Key 2: SILK KNOT', and 'Key 3: SPIRIT'. It also shows 'Comment: MEDITERRANEAN' and a description: 'Specialized colorant uniquely used with vibrant colorant. Also suiting the living hall texture.'
- Customer details:** Displays fields for Name (Corob), Company name, Phone number, Email, Address (My address), City (My city), Zip (123), Country (My country), and State (My state).



DISPENSING

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## DISPENSING {3G/4G}

Press the **Tint** button.

The bottom status window shows percentage of dispensing done 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.

## DISPENSING {5G}

Press the **Tint** button.

A pop-up window 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.

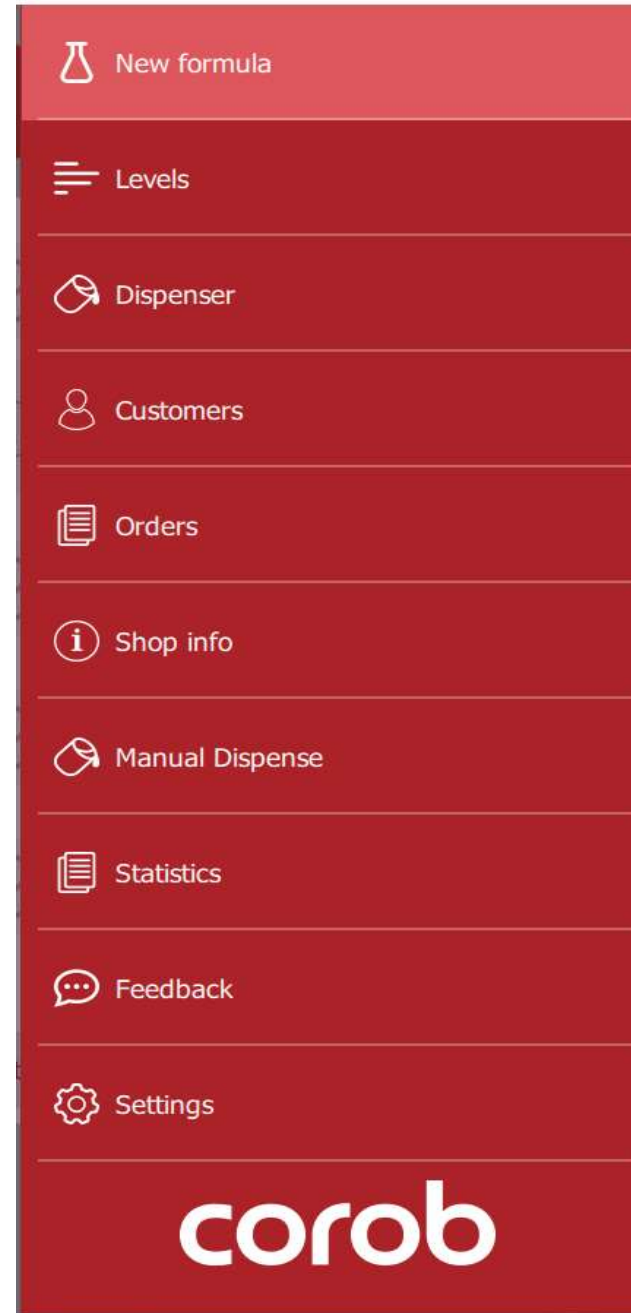
OPTIONS

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# 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
- Shop info
- Manual Dispense colorants
- Statistics of Purge & Manual Dispense
- Send a feedback
- 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 Comment.

The screenshot shows the TRUEcolor software interface for creating a new formula. The window title is "New formula - 2.42 DEMO GDATA 04-02-14". The interface includes dropdown menus for Product, Subproduct, Base, and Can size, all currently set to "No ... selected". Below these are three color key input fields (Color Key1, Color Key2, Color Key3) and an "Insert/Edit comment" button. At the bottom, there is a list of "Available Colorants" with color swatches and labels like "BS - MAGENTA", "KU - WHITE", etc. The bottom right corner has "Cancel", "Tint", and "OK" buttons. A yellow box highlights the top section, and a red square highlights the "Color Key1" field.



# NEW FORMULA

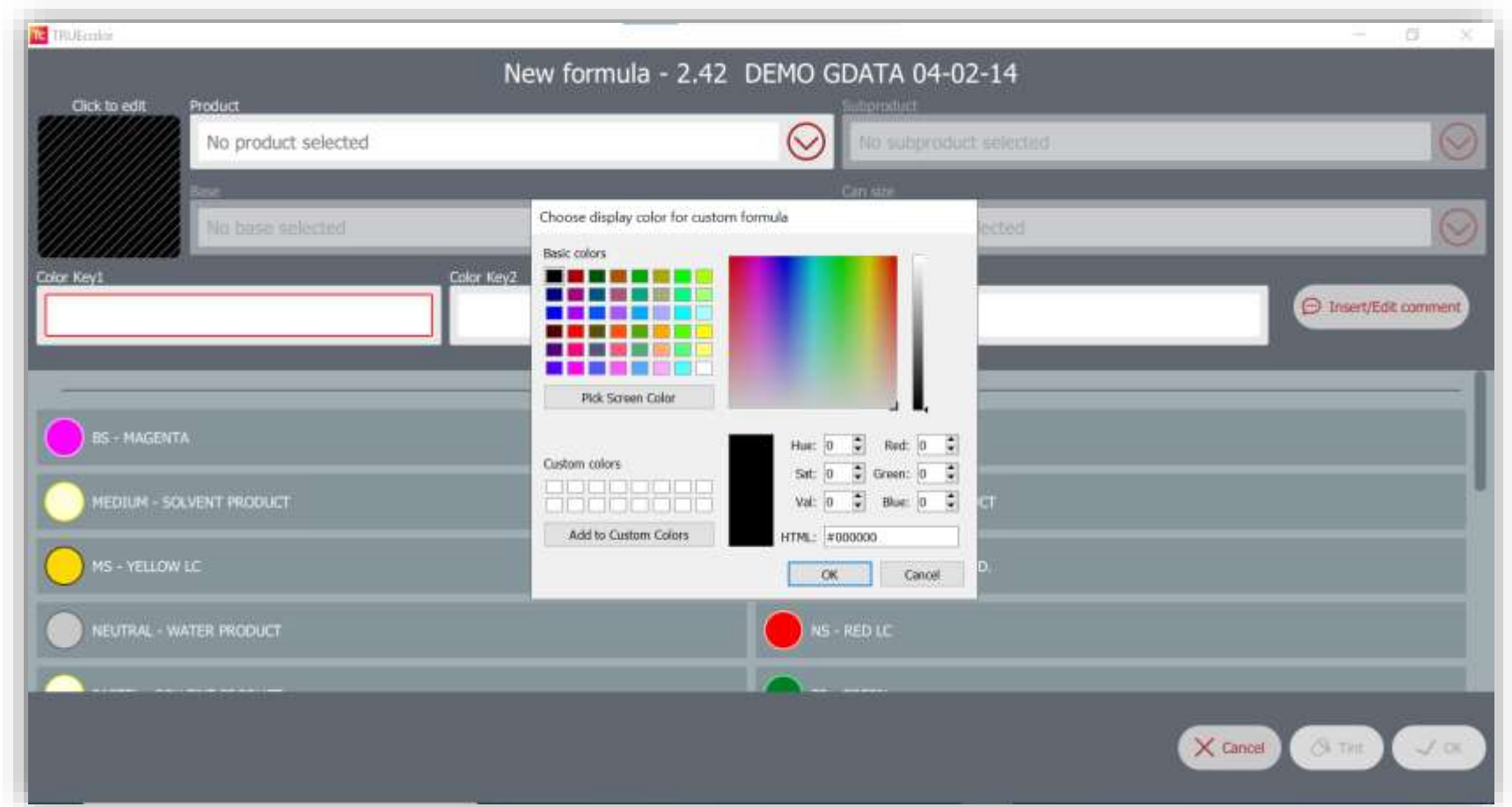
5. Enter the quantity used for each colorant present in the formula.



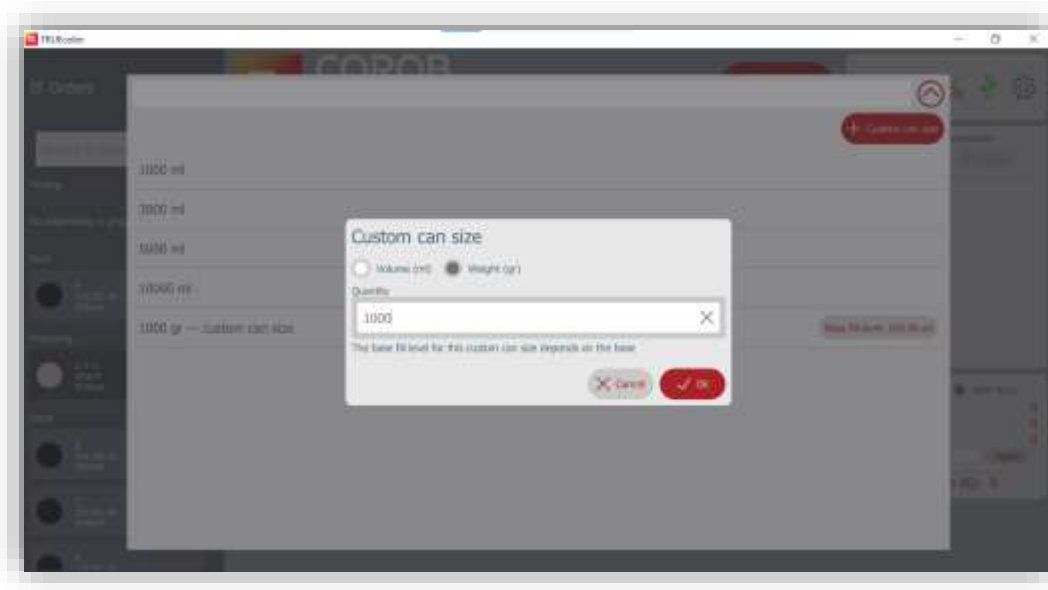
# NEW FORMULA

## COLOR PICKER

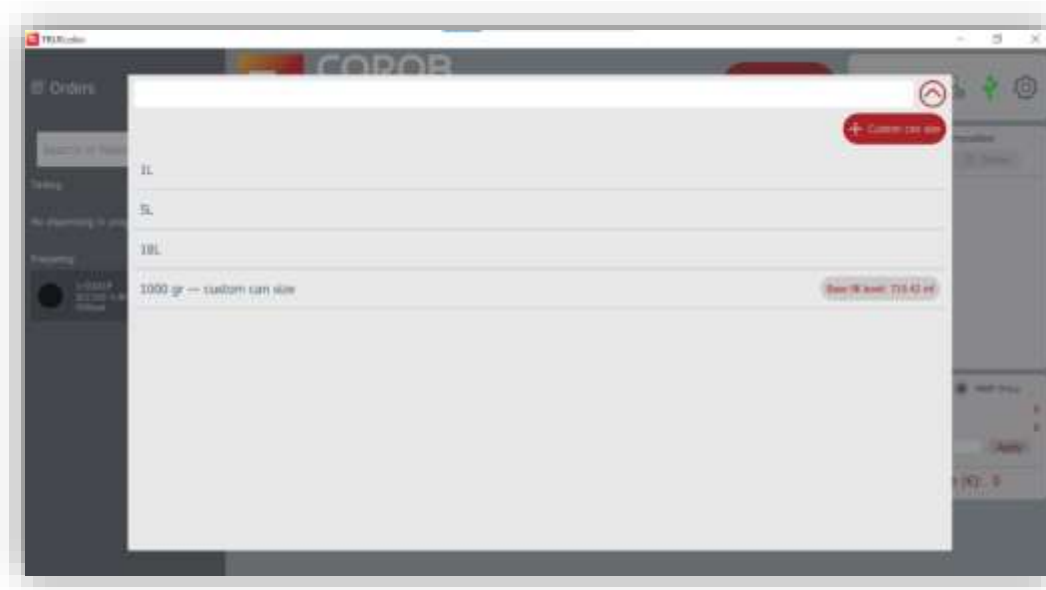
Set RGB triplet values of the formula you are creating.



# SCALE COLORANT QUANTITIES IN GRAVIMETRIC/ VOLUMETRIC



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

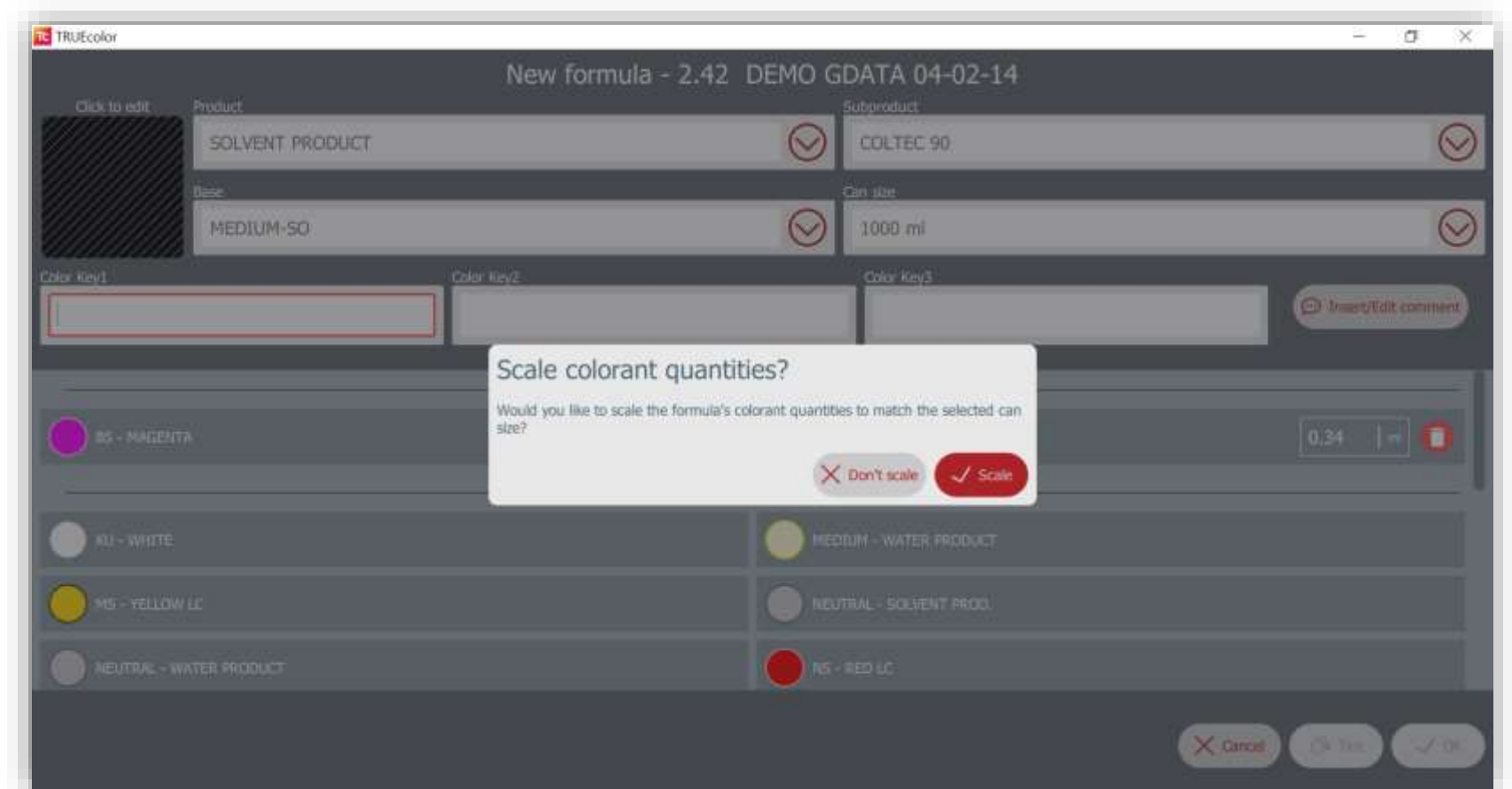


The user can now scale recipe from gravimetric can size to volumetric and reversal, depending on database which has both volumetric as well as gravimetric can sizes.

**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.

Some warning symbols indicate that the levels are 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.

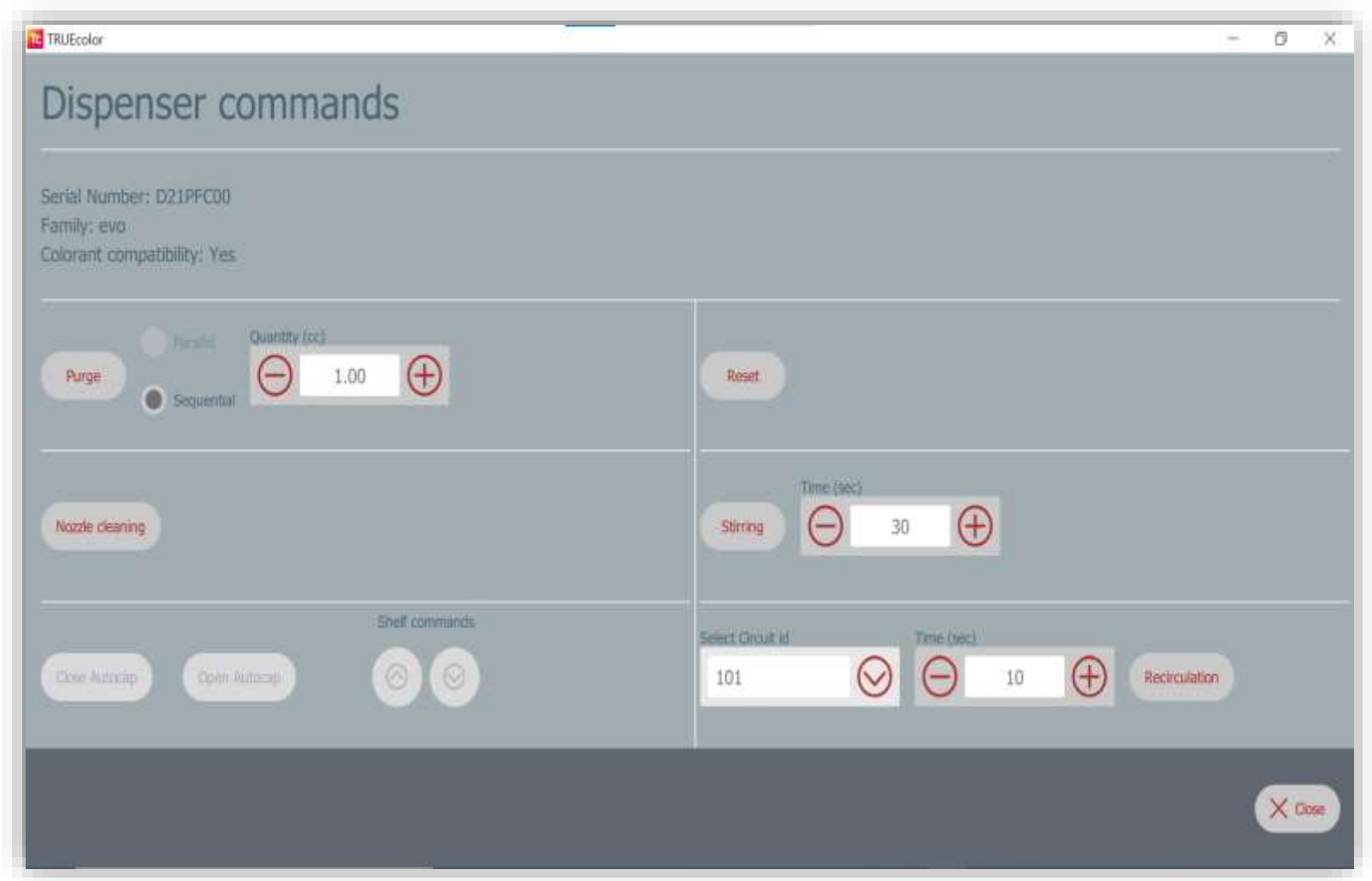


# CONTROLLING THE DISPENSER

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



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

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



# CONTROLLING THE DISPENSER

## MACHINE COMMANDS

Command	Info
<b>Reset</b>	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.
<b>Purge</b>	This command allows you to purge colorant from machine circuits, to clean the dispensing nozzles. 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.
<b>Nozzle Cleaning</b>	This command allows to clean nozzle of each circuit.
<b>Recirculation</b>	This command allows to recirculate circuits chosen as per the durations provided.
<b>Stirring</b>	This command allows you to execute a stirring process on all circuits.
<b>Shelf commands</b>	This command allows you to move the automatic shelf up  or down  .
<b>Autocap commands</b>	This command allows you to open or close the Autocap.

# CUSTOMERS

Window for customer management: insert, edit, search, delete.

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

Customer name is mandatory.



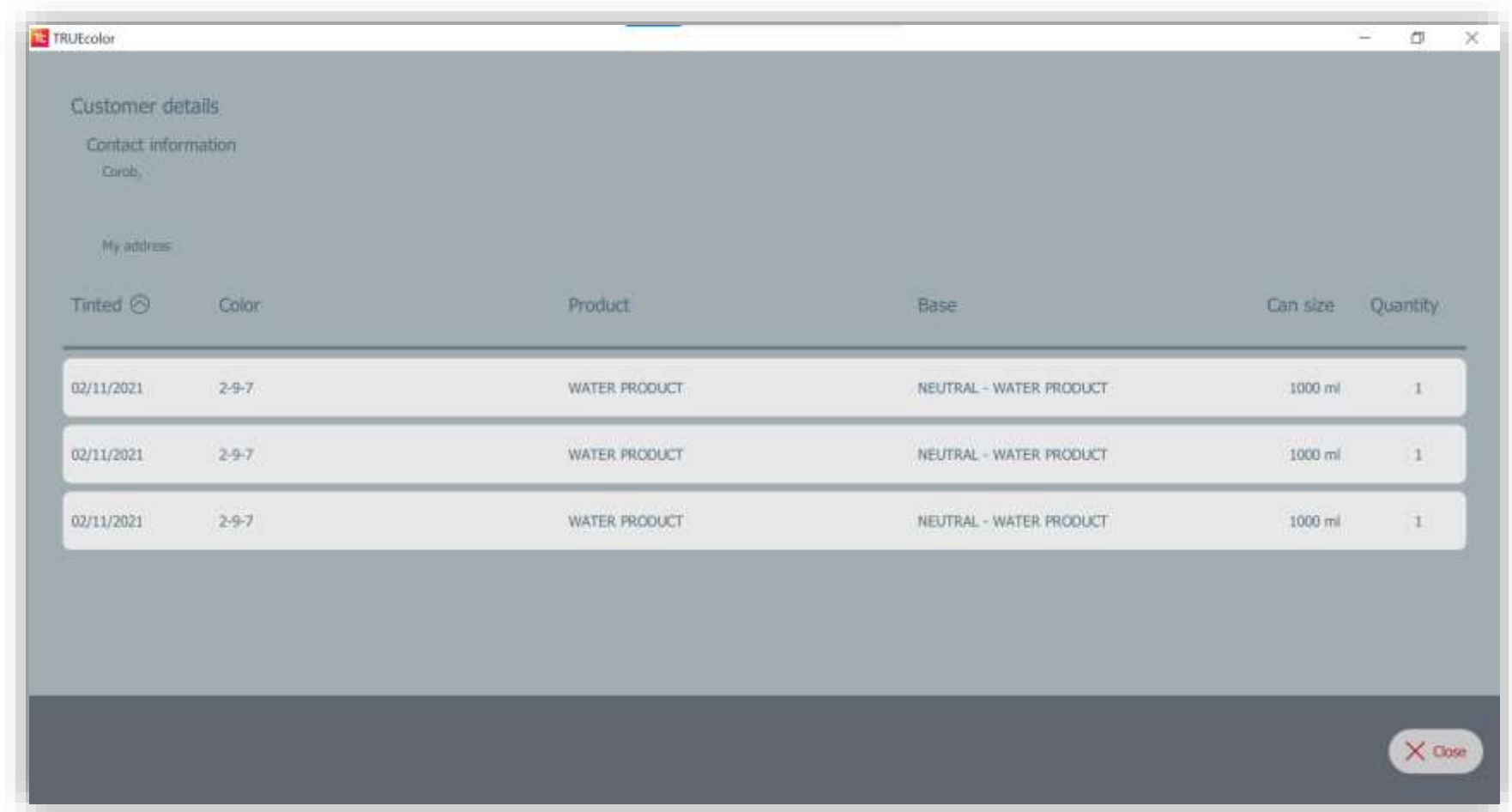
The **Export visible** button allows to export only the filtered list that is visible in the window.

The screenshot displays the Corob CRM interface. At the top, there is a 'Customers' header with a search bar and buttons for '+ Add customer' and 'Export visible'. Below this is a table with columns for Name ID, Company, Phone, Last order, and Orders. Three customer entries are visible, each with 'Delete', 'Edit', and 'Add order' buttons. In the foreground, a 'Customer data' form is open. It contains several input fields: 'Customer name' (with a red border indicating a validation error), 'Company name', 'Email', 'Phone number', 'Address', 'City', 'Zip code', 'Country', and 'State'. A 'Notes' text area is on the right. At the bottom of the form are 'Cancel' and 'Save' buttons.



# CUSTOMERS



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

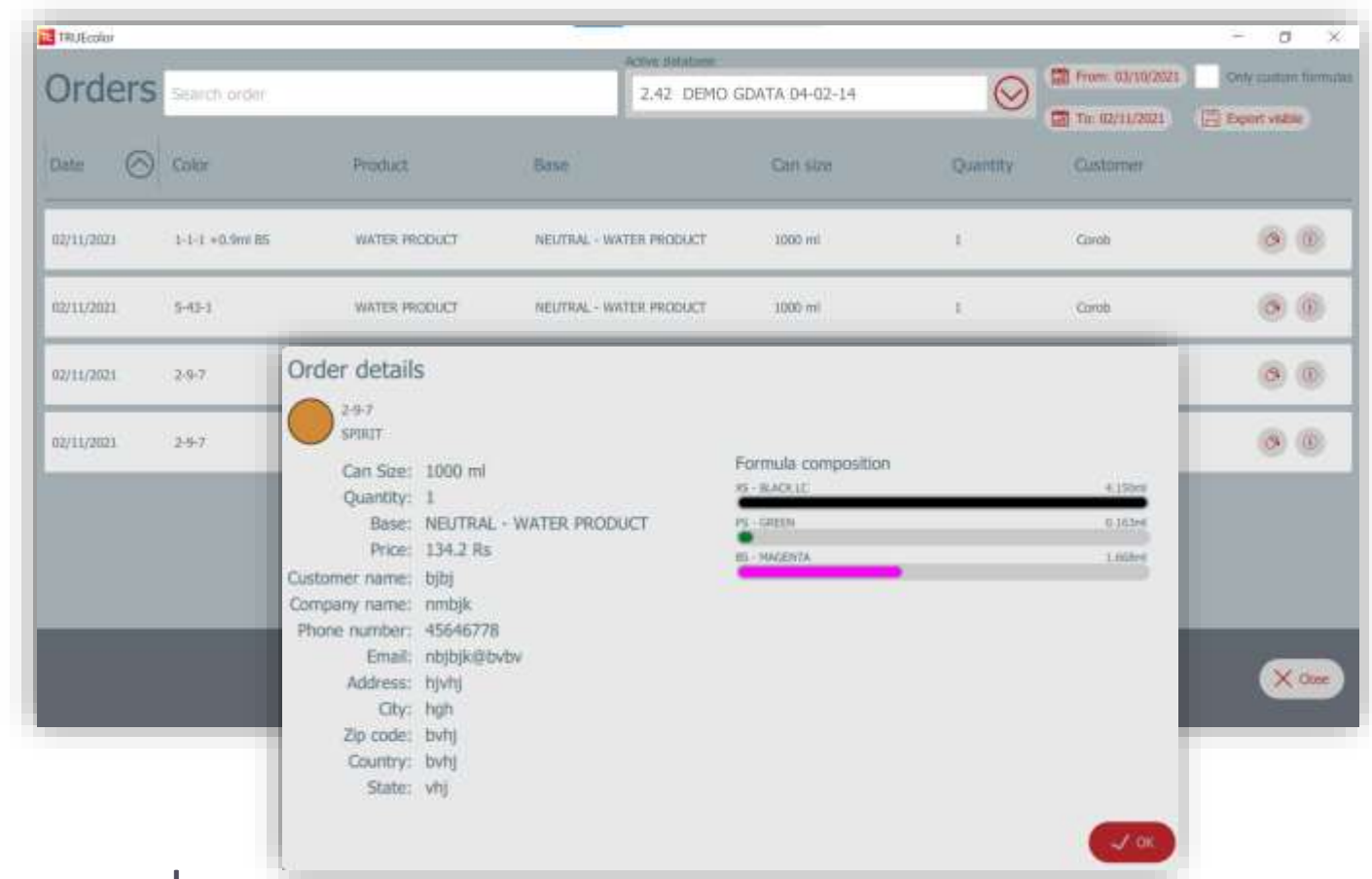


# ORDERS

The window 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 window 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.



The screenshot shows the TRUecolor software interface. At the top, there's a search bar for orders and a date range filter set to 'From: 03/10/2021' and 'To: 02/11/2021'. An 'Export visible' button is also present. Below this is a table of orders with columns for Date, Color, Product, Base, Can size, Quantity, and Customer. One order is highlighted, and its details are shown in a pop-up window. The 'Order details' window includes fields for Can Size (1000 ml), Quantity (1), Base (NEUTRAL - WATER PRODUCT), Price (134.2 Rs), Customer name (bjbj), Company name (nmbjk), Phone number (45646778), Email (njbjki@bvbv), Address (hvjhj), City (hgh), Zip code (bvhj), Country (bvhj), and State (vhj). A 'Formula composition' section shows three bars: PS - BLACK ICE (4.150ml), PS - GREEN (0.103ml), and BS - MAGENTA (1.000ml). The pop-up window has 'OK' and 'Close' buttons.

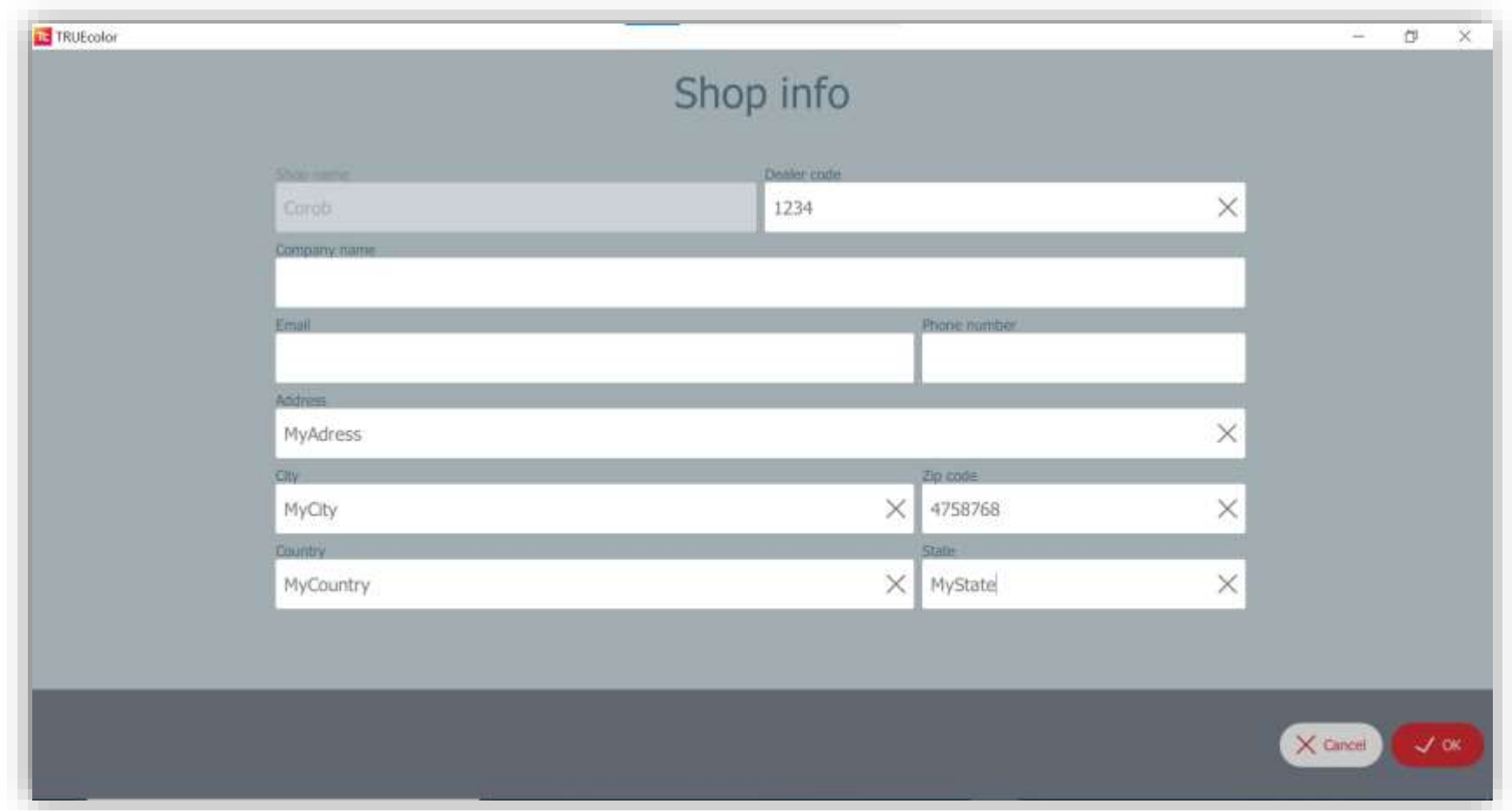


The **Export visible** button allows to export only the filtered list that is visible in the window.

# SHOP INFO

Enter the information about your Point of Sale (Shop).

In the main window, 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.



The screenshot shows a software window titled 'Shop info' with the TRUEcolor logo in the top-left corner. The form contains the following fields:

Shop name	Corob	Dealer code	1234	X
Company name				
Email		Phone number		
Address	MyAddress X			
City	MyCity X	Zip code	4758768 X	
Country	MyCountry X	State	MyState X	

At the bottom right, there are two buttons: 'Cancel' (with an X icon) and 'OK' (with a checkmark icon).

# MANUAL DISPENSE

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



# MANUAL DISPENSE

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



# STATISTICS

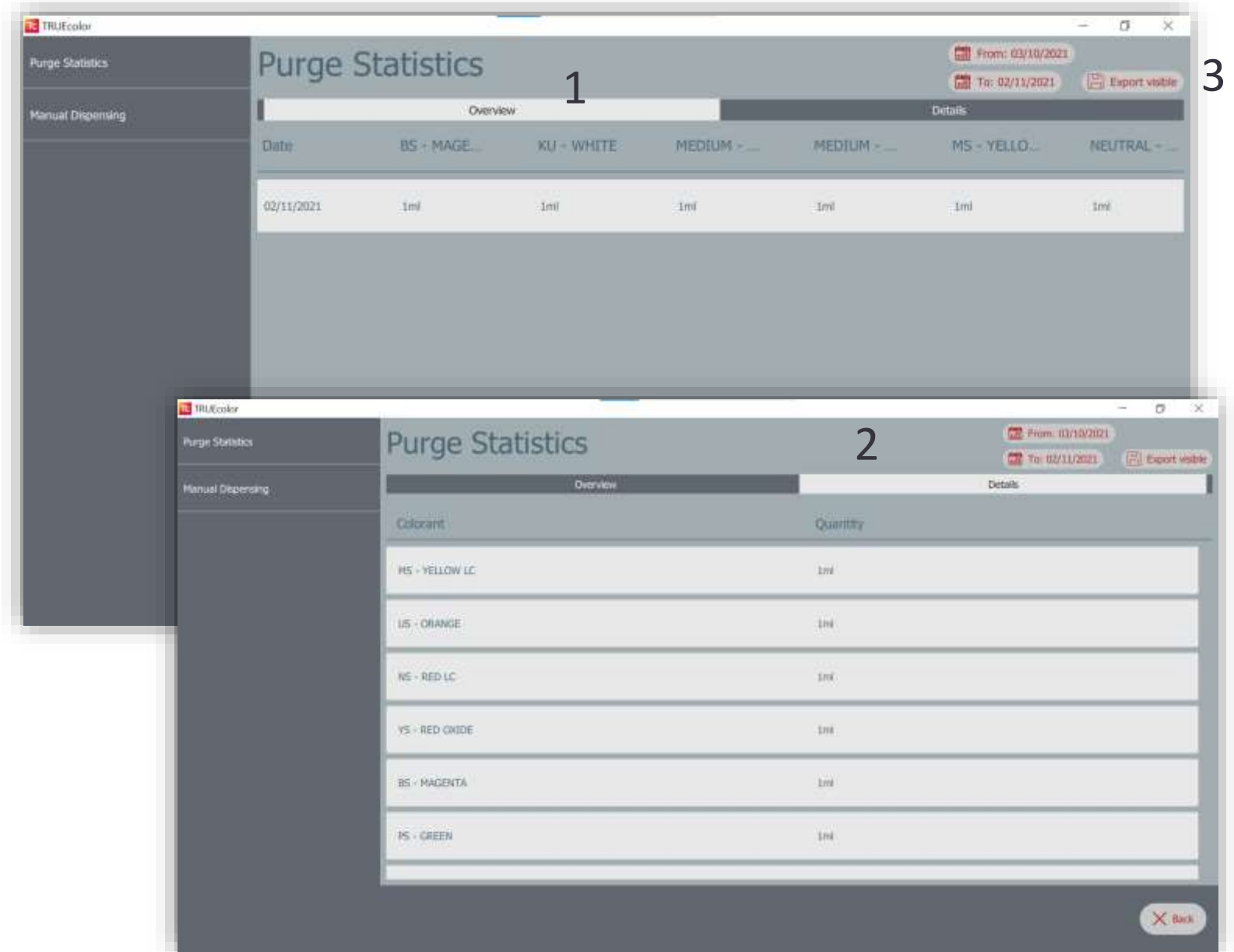
## Purge Statistics

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

1. Overview: Displays date-wise purged colorant quantities for the selected time frame

2. Details: Displays the cumulative colorant quantities for each colorant within the filtered time frame.

3. The displayed information can be exported in an excel format.

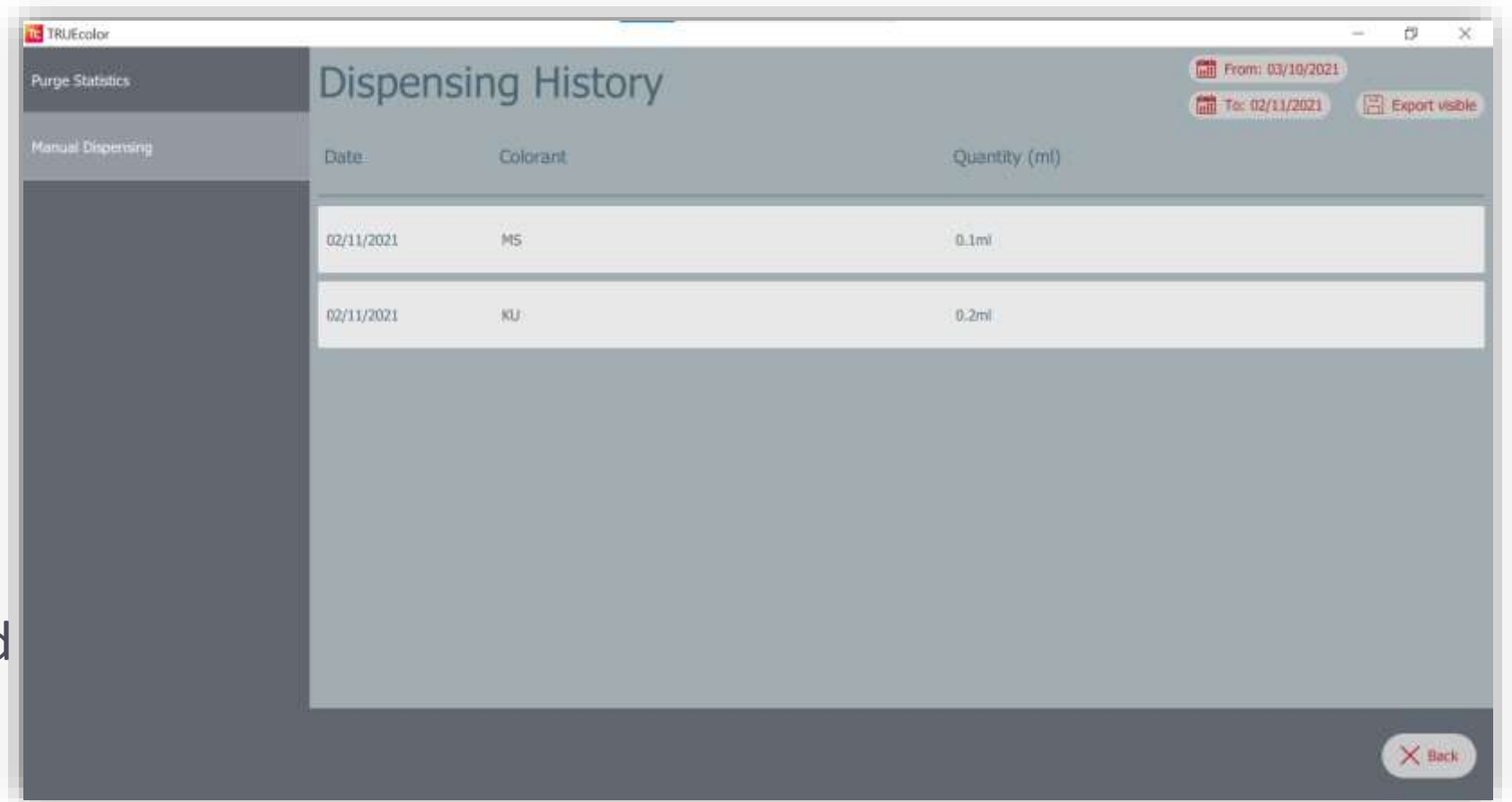


# STATISTICS

## Dispensing History

This window 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 the 'Dispensing History' window in the TRUEcolor software. The window has a dark grey header with the title 'Dispensing History'. On the right side of the header, there are two date range filters: 'From: 03/10/2021' and 'To: 02/11/2021', along with an 'Export visible' button. Below the header is a table with three columns: 'Date', 'Colorant', and 'Quantity (ml)'. The table contains two rows of data:

Date	Colorant	Quantity (ml)
02/11/2021	M5	0.1ml
02/11/2021	KU	0.2ml

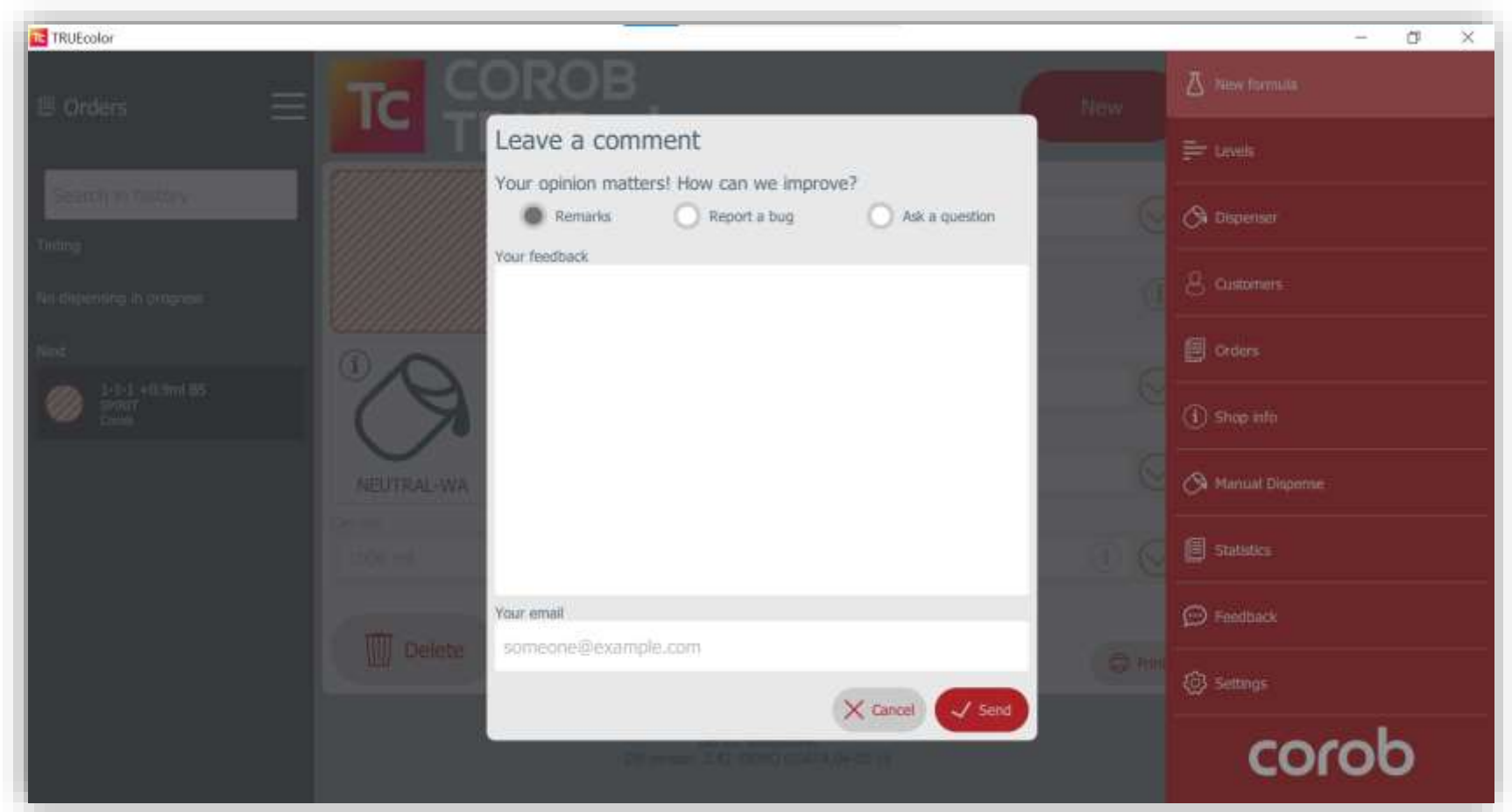
At the bottom right of the window, there is a 'Back' button with a red 'X' icon.

# 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.



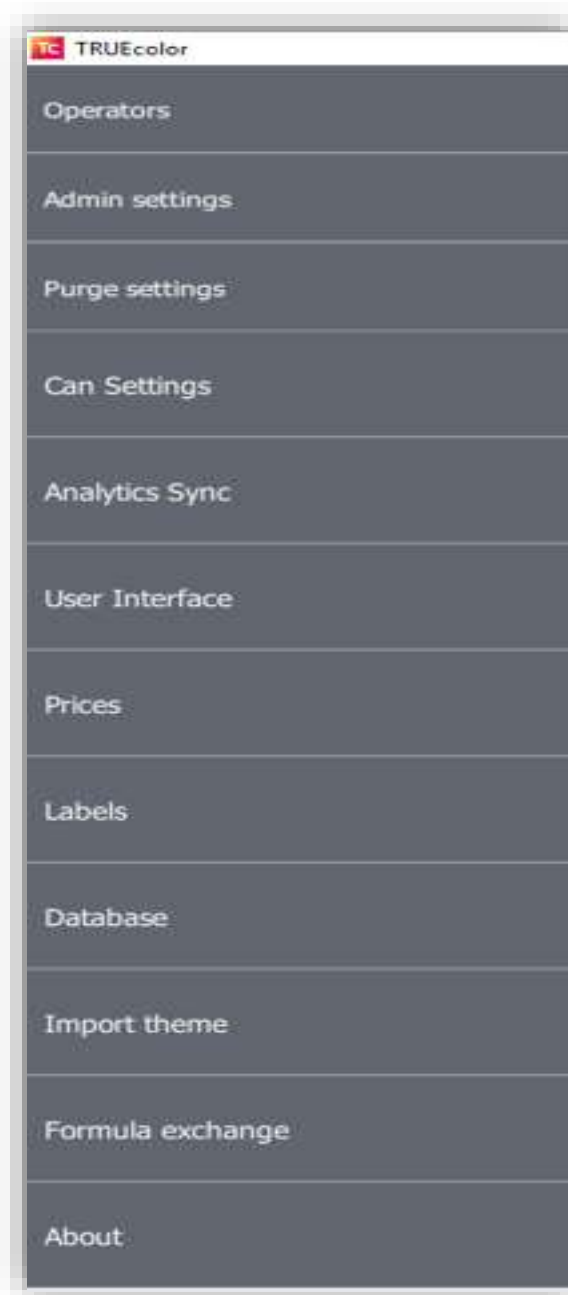


SETTINGS

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# SETTINGS

- Operators
- Admin settings
- Purge settings
- Can settings
- Analytics Sync
- User Interface
- Prices
- Labels
- Database
- Import theme
- Formula exchange
- About

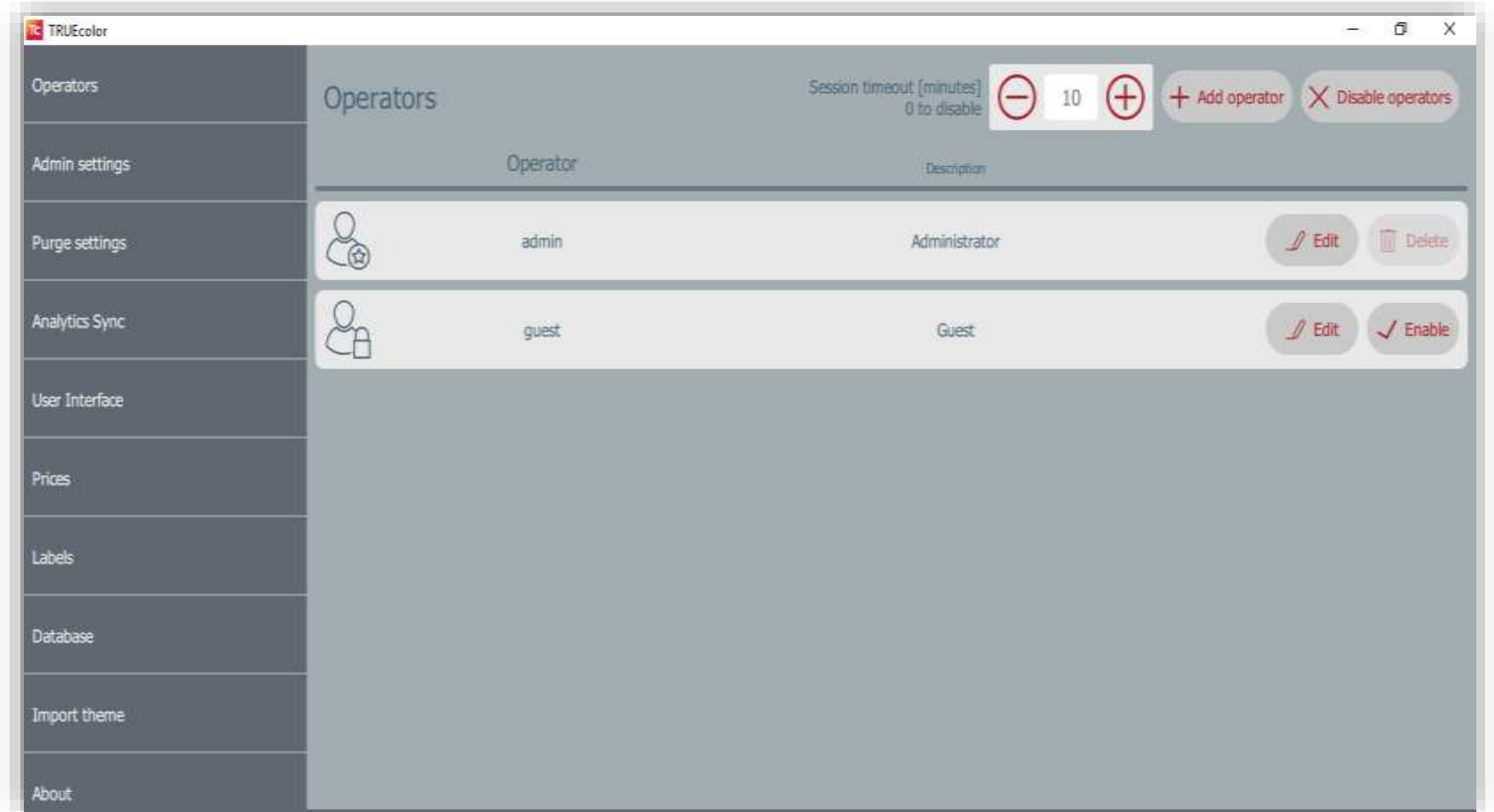


# OPERATORS

Operators management window.

By default, operators are disabled.

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



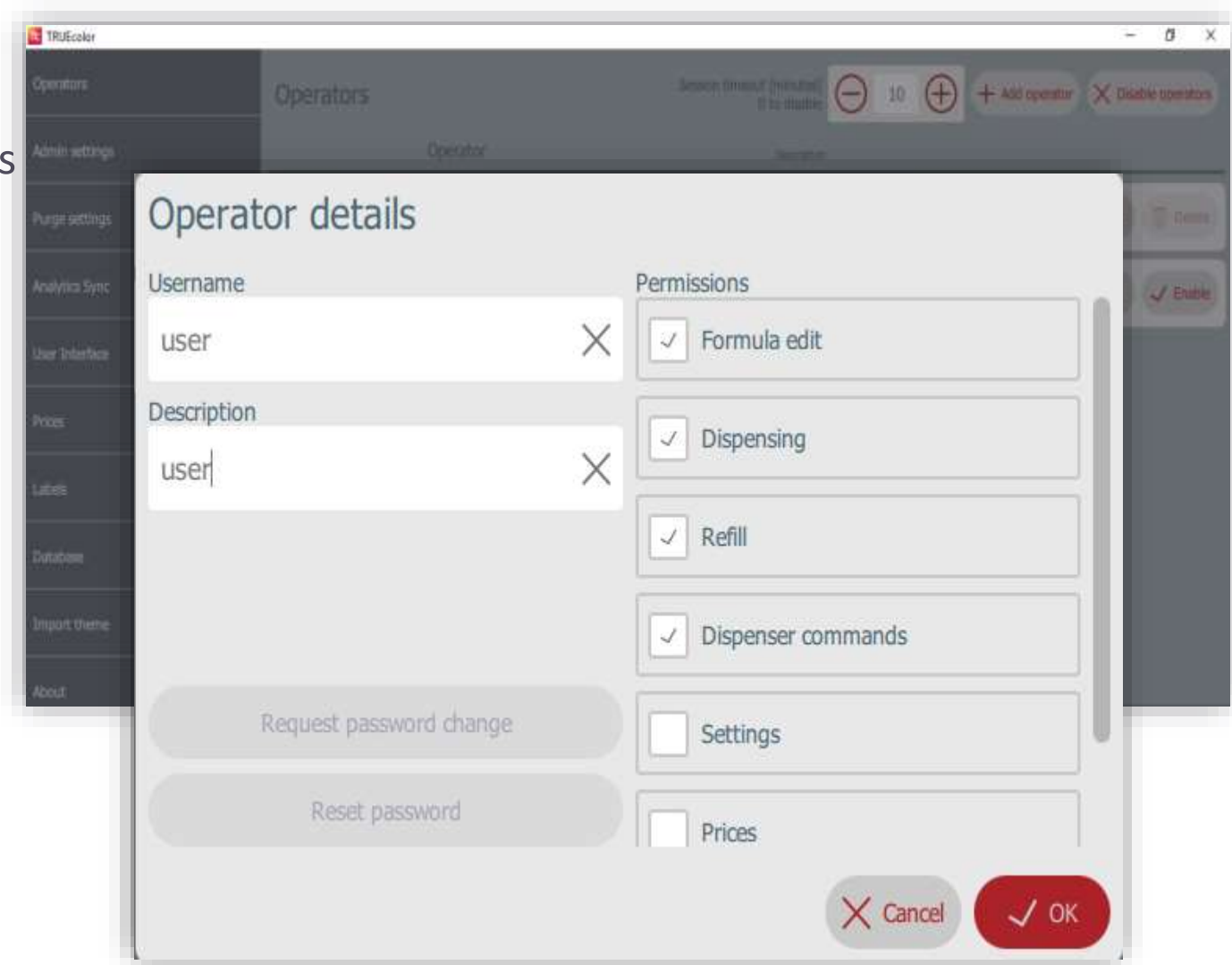
# OPERATORS

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 Dispense
- Prices
- Database functions



# OPERATORS

The Admin creates the users.

At first login, each user can create his own password.



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

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.

The screenshot displays the 'Operators' management page in the TRUEcolor software. On the left is a navigation sidebar with options: Operators, Admin settings, Purge settings, Analytics Sync, User Interface, Prices, Labels, Database, Import theme, and About. The main content area is titled 'Operators' and features a session timeout control set to 10 minutes, with minus and plus buttons for adjustment, and buttons for '+ Add operator' and 'X Disable operators'. Below this is a table with two columns: 'Operator' and 'Description'. The table contains three entries: 'admin' (Administrator), 'guest' (Guest), and 'user1' (user). Each entry has an icon on the left and 'Edit' and 'Delete' buttons on the right. The 'user1' entry has a warning triangle icon next to its user icon. A 'Back' button is located in the bottom right corner of the main area.

Operator	Description
admin	Administrator
guest	Guest
user1	user

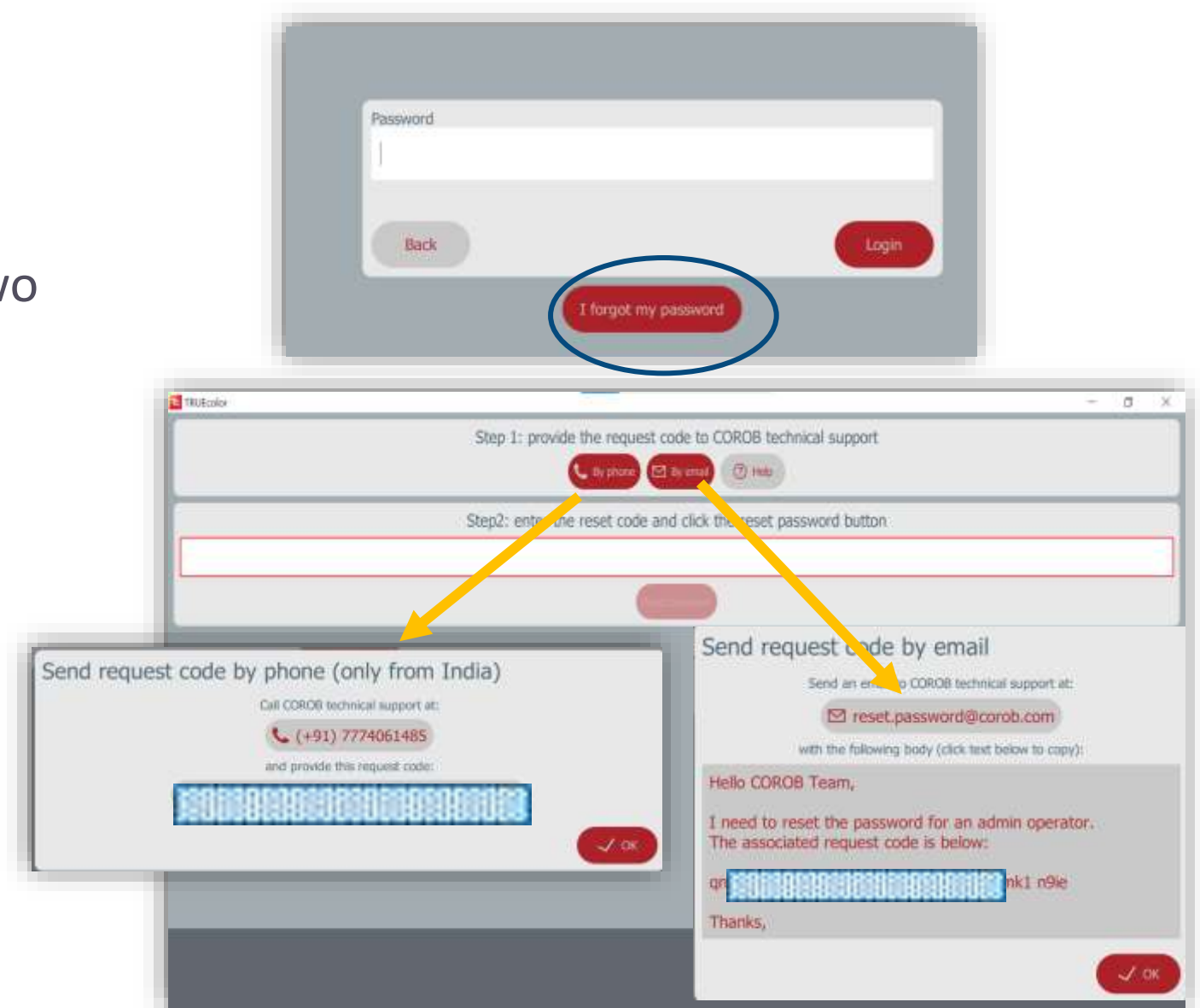
# OPERATORS

It is possible to reset the Admin password, in case it is lost.

- Click on " I forgot my password"
- It will redirect to a page where two options are given, select one:-

Step1:- 1. Provide request code via phone OR  
2. Provide request code via email

Step2:- Enter reset code shared by technical support and click on reset password button



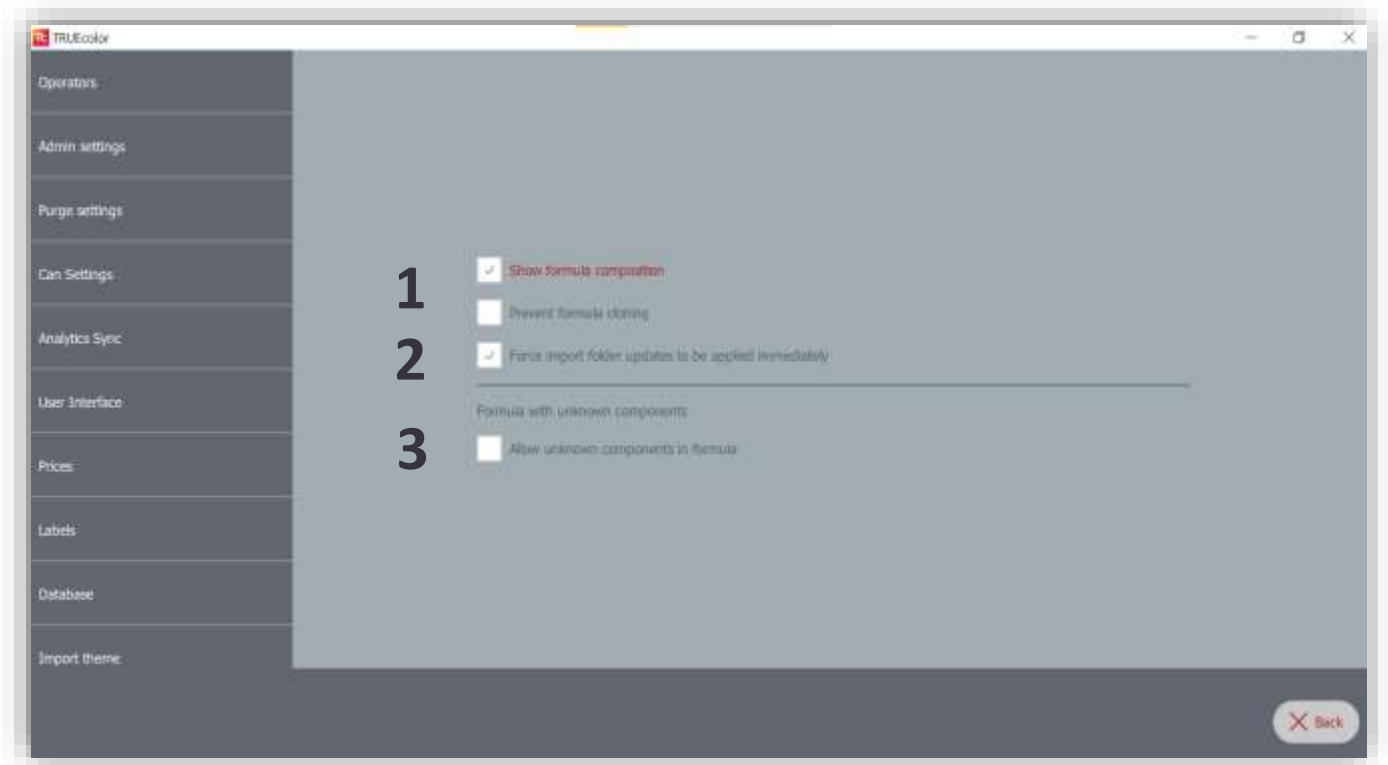
# ADMINISTRATOR SETTINGS

1. As an Admin, you can decide if the main window 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 the startup.

This is very useful in case of database updates from the cloud.

After being imported, the \*.db file is canceled.

3. There is a setting to exclude the unavailable colorants and tint the remaining colorants by selecting **Allow unknown components in formula**.



Import folder path:

C:\Users\”NomeUtente”\AppData\Local\corobTRUEcolor\data  
\sync\import

# PURGE SETTINGS

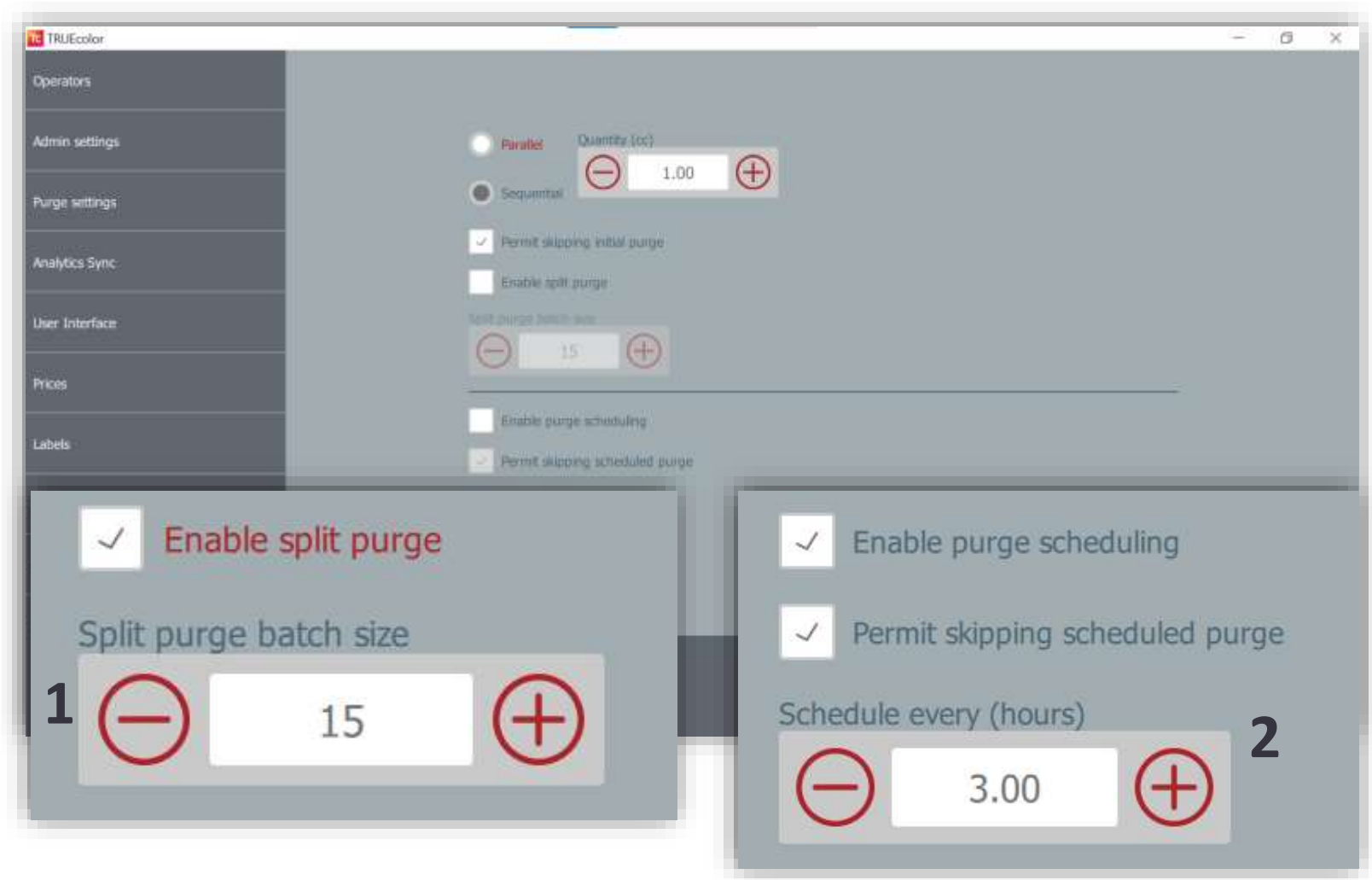
Configuring purge options allows to optimize this process and reduce colorant usage.

Parallel = from all circuits

Sequential = one circuit at a time

1. You can split the no. of circuits into two batches to execute the purge on circuits.
2. You can set the possibility to skip Purge.

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





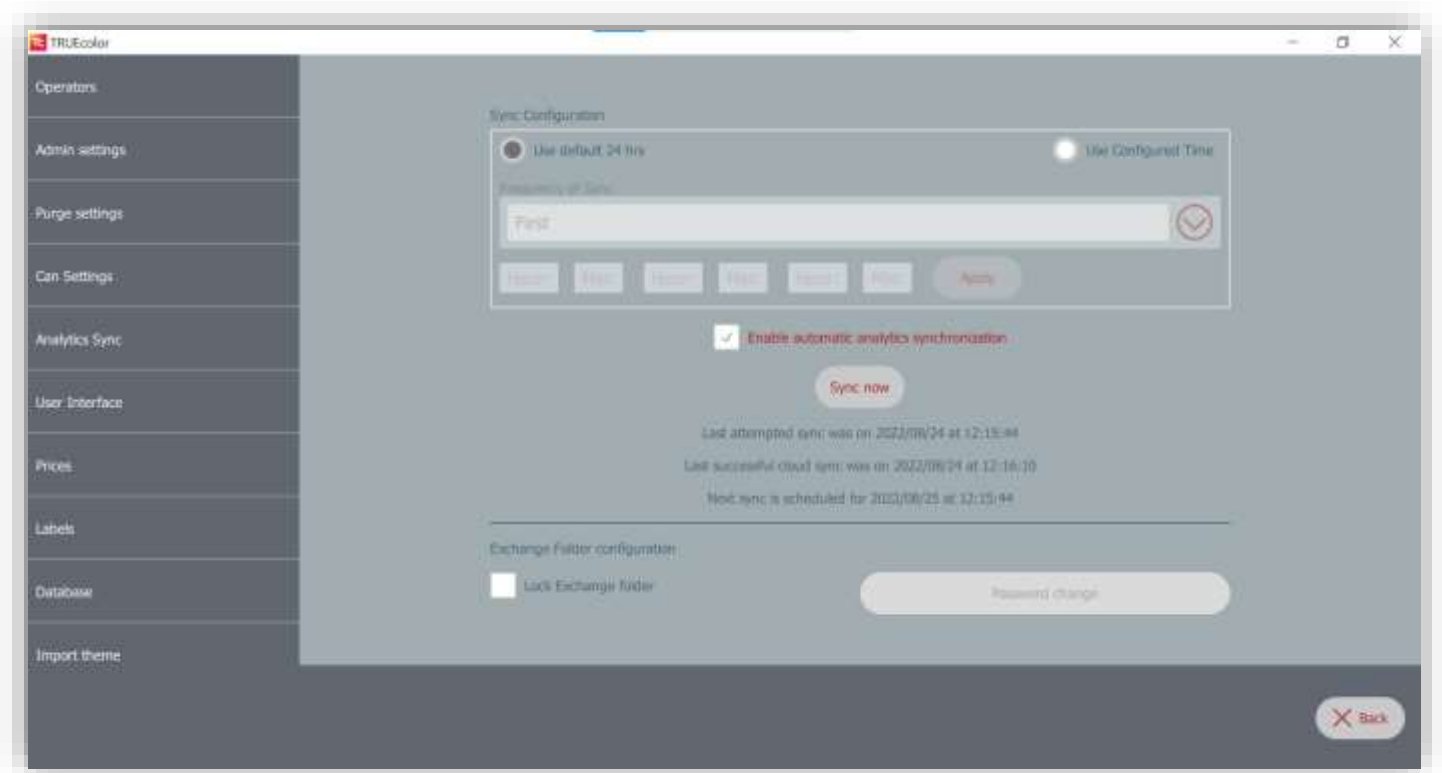
# CAN SETTINGS

- With this feature, the user can configure the can heights in the software for optimal auto shelf movement.
- Based on the configuration of reference photocell, these heights will be used to move the automatic shelf before and after TINT operation.

Can description	Can height (mm)	Maximum can height (mm)	Minimum can height (mm)	Always lower shelf	Reference position
500 gr	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.75L	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.8L	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.9L	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
1L	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

# ANALYTICS SYNC

- 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.
- The option Sync Configuration time allows to enter scheduled sync time.
- The program exports only the dispensing orders made after the last synchronization executed.
- To execute synchronization in any moment, press *Sync now*.
- The user can now lock exchange folder thus, enabling a protection on the order history file residing in the exchange folder. Once locked, no user or third-party application can view the folder content.



Note:- An active internet connection is required.

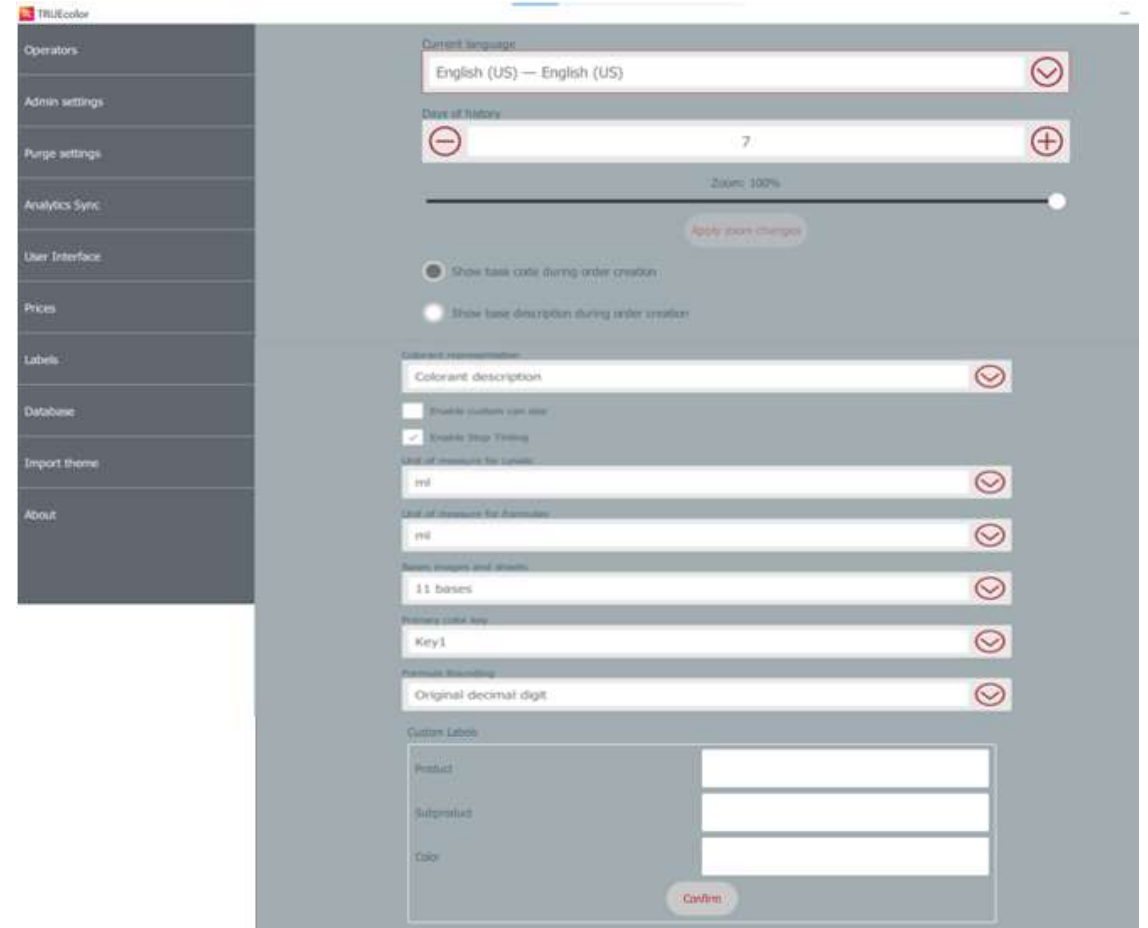
# USER INTERFACE

In this window 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:

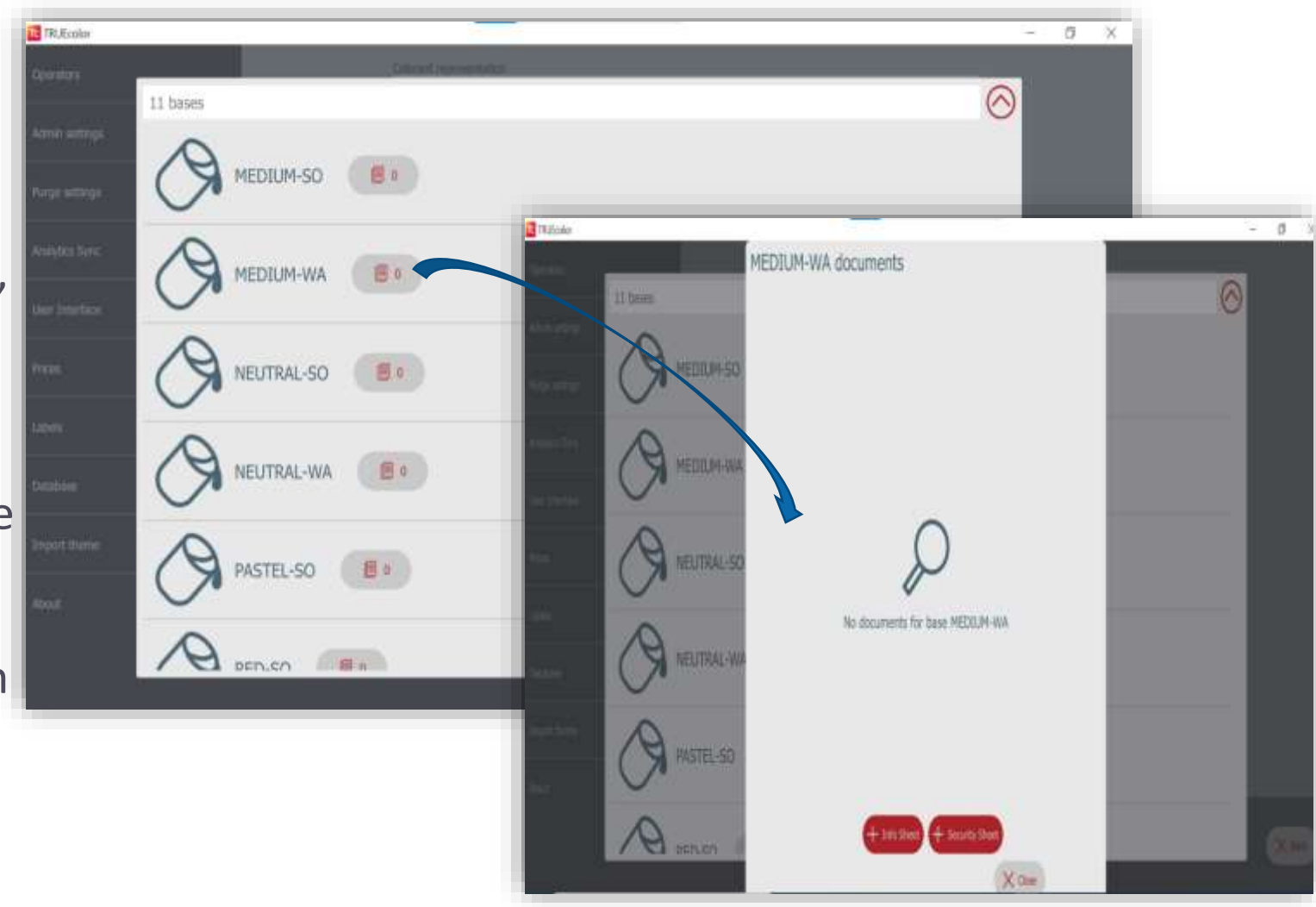
- language
- time range for orders history in main window
- application font size and zoom (screen objects)
- which base information to display during order creation
- units of measurement used in levels window and formula edit window
- which is the primary color key used to display formulas.
- Rounding of formula
- Custom labels that can be set for product, subproduct, color



# USER INTERFACE

## IMAGES & DOCUMENTS FOR BASES

- To each base type in the database, you can associate here an image and/or a document (InfoSheet / Security Sheet).
- The picture will be displayed in the main page when the base is selected in an order, and you can recall the documents directly from the main page.
- Click on the paint can icon or on the document icon and make the selections.



# PRICES

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

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

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

Show prices in home page

Only show total price in home page

Show taxes separately

Enable hide and show price

Select price algorithm from main screen

Discount

Currency  
Rs

Price Rounding  
2nd decimal digit

Algorithm  
Standard Price Calculation

Don't allow markup and taxes override from update

Tax Label (leave empty to use standard translation)  
Tax

Sales Tax (%)  
18

Colorants Tax (%)  
0

Set all markups

Basic Price Parameters  
5242 cans

Colorant Price Parameters  
16 colorants

Export prices

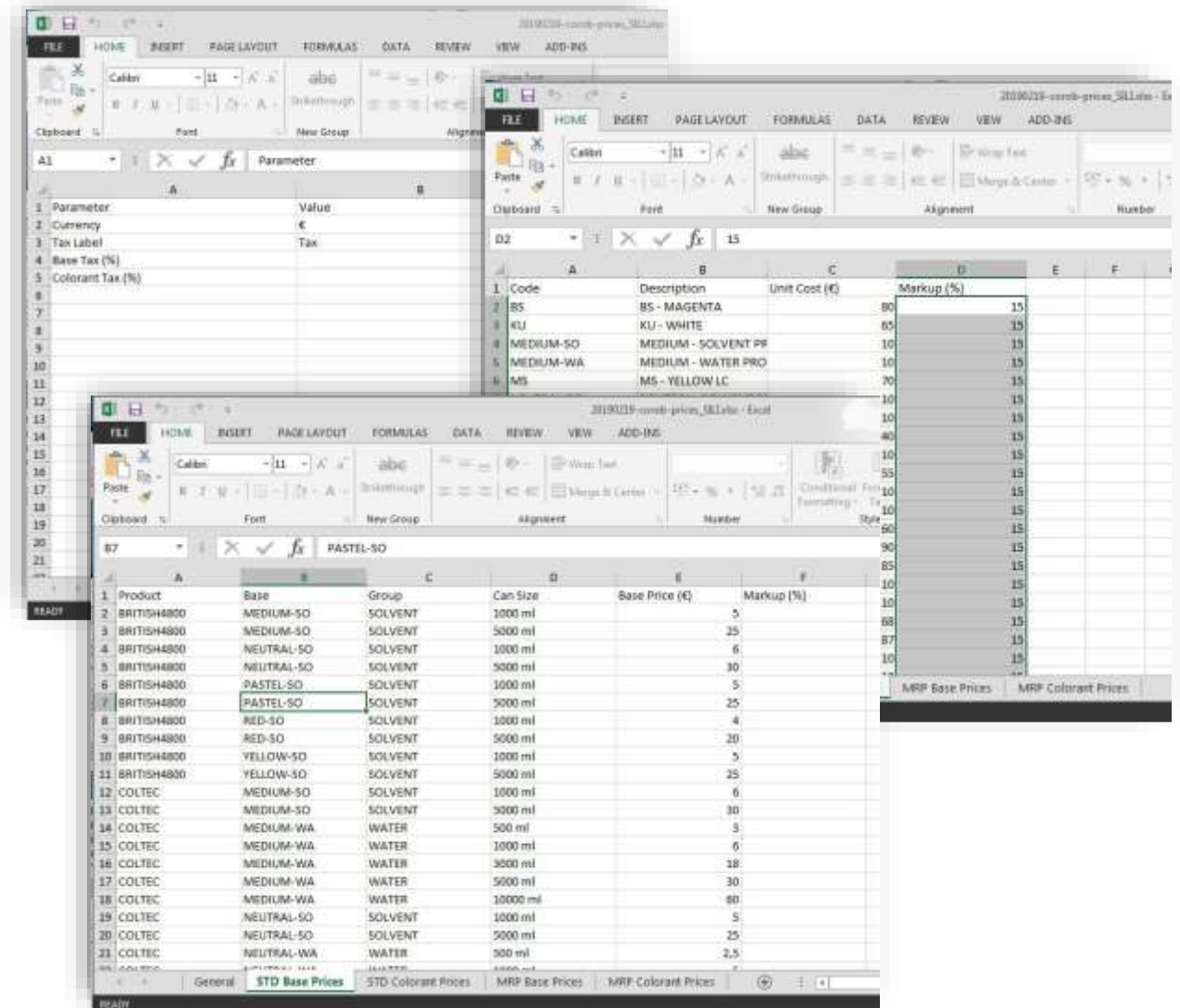
Import prices

# PRICES

## EXCEL FILE STRUCTURE

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

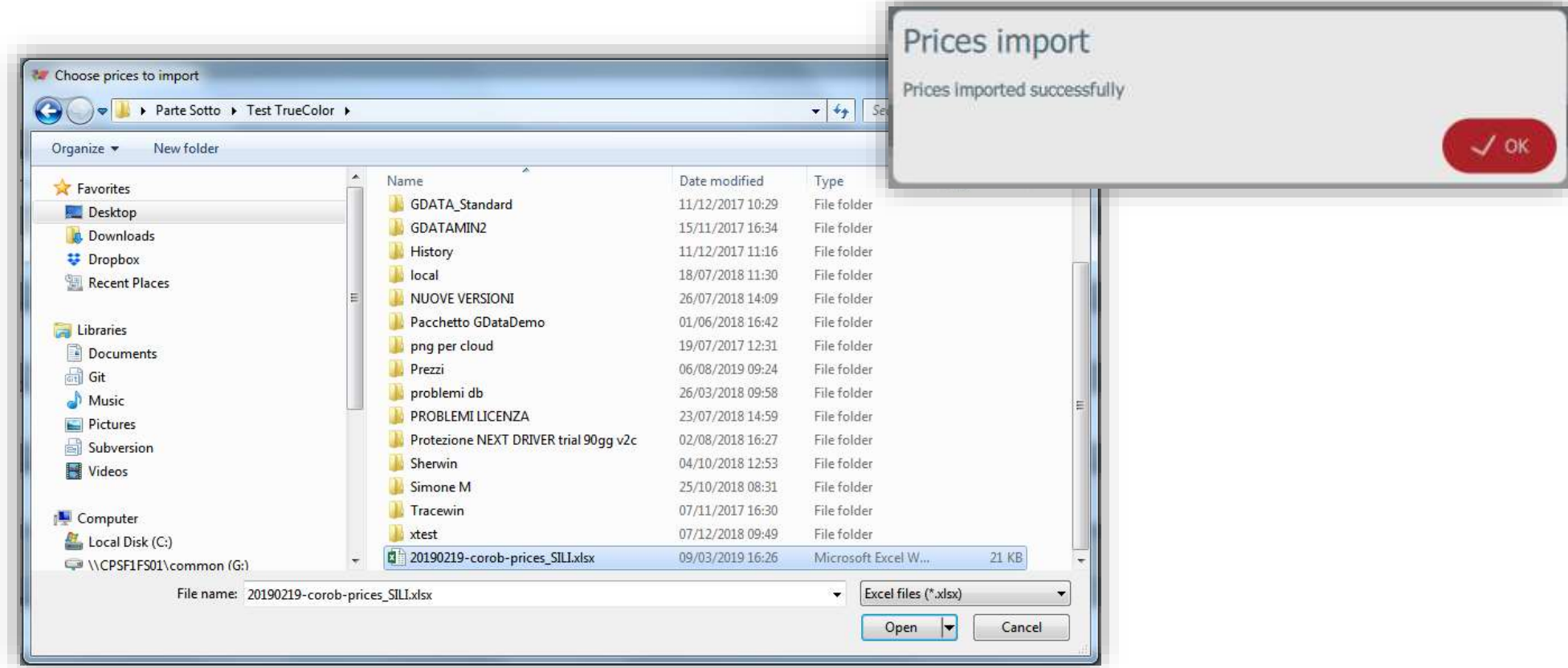
1. Press **Export prices** to save the Excel file, with all the bases and colorants structure, for both calculation types (STD and MRP).
2. Fill in the data for prices, markups, tax, etc.
3. Press **Import prices** to load the prices data in the program.



# PRICES

## IMPORT

Import the file.



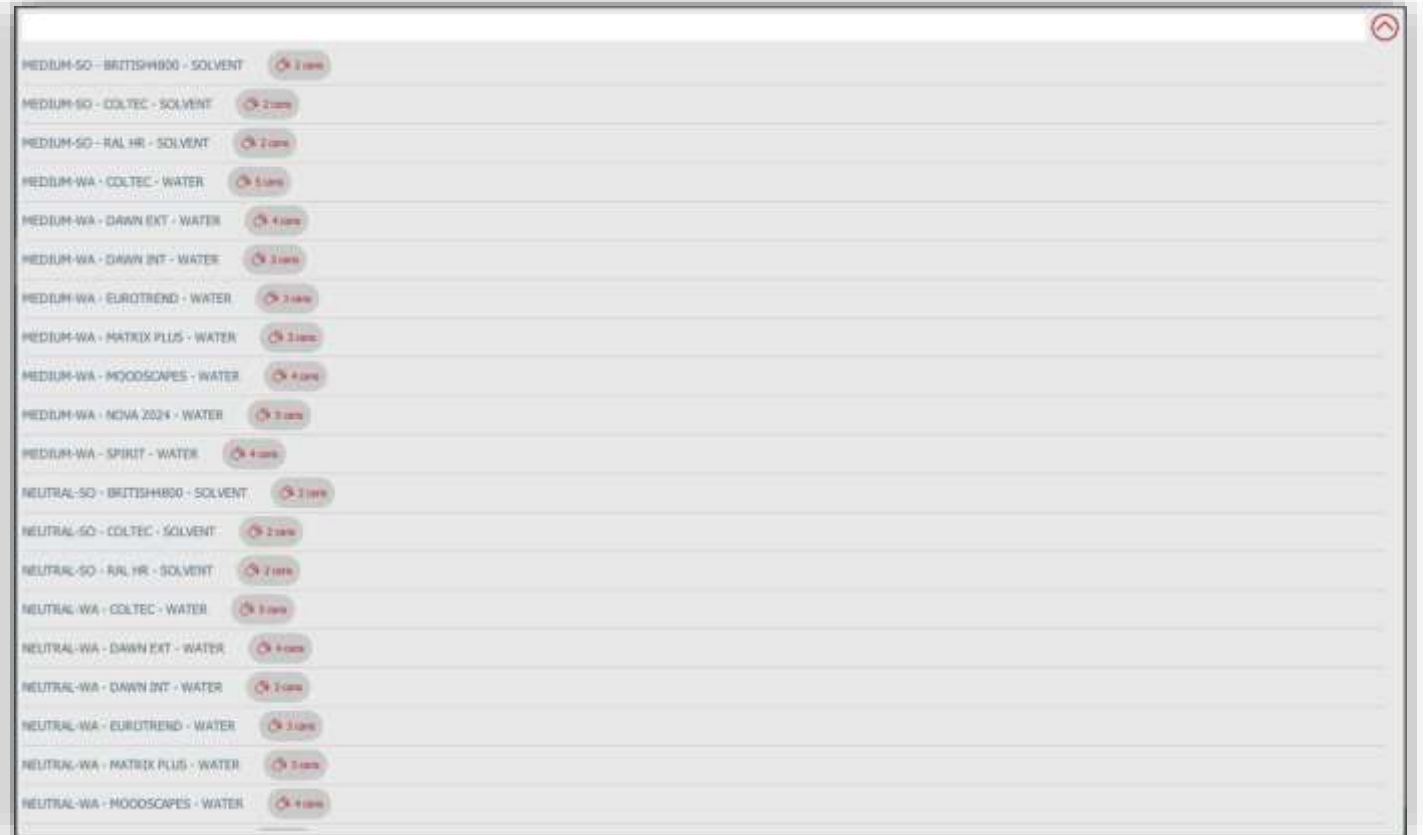
# PRICES

## BASES

Window for association of prices to the bases.



The import prices feature makes price configuration very quick. Come to this window 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.



# PRICES

## COLORANTS

Window for association of prices to the colorants.



The import prices feature makes price configuration very quick. Come to this window 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 %

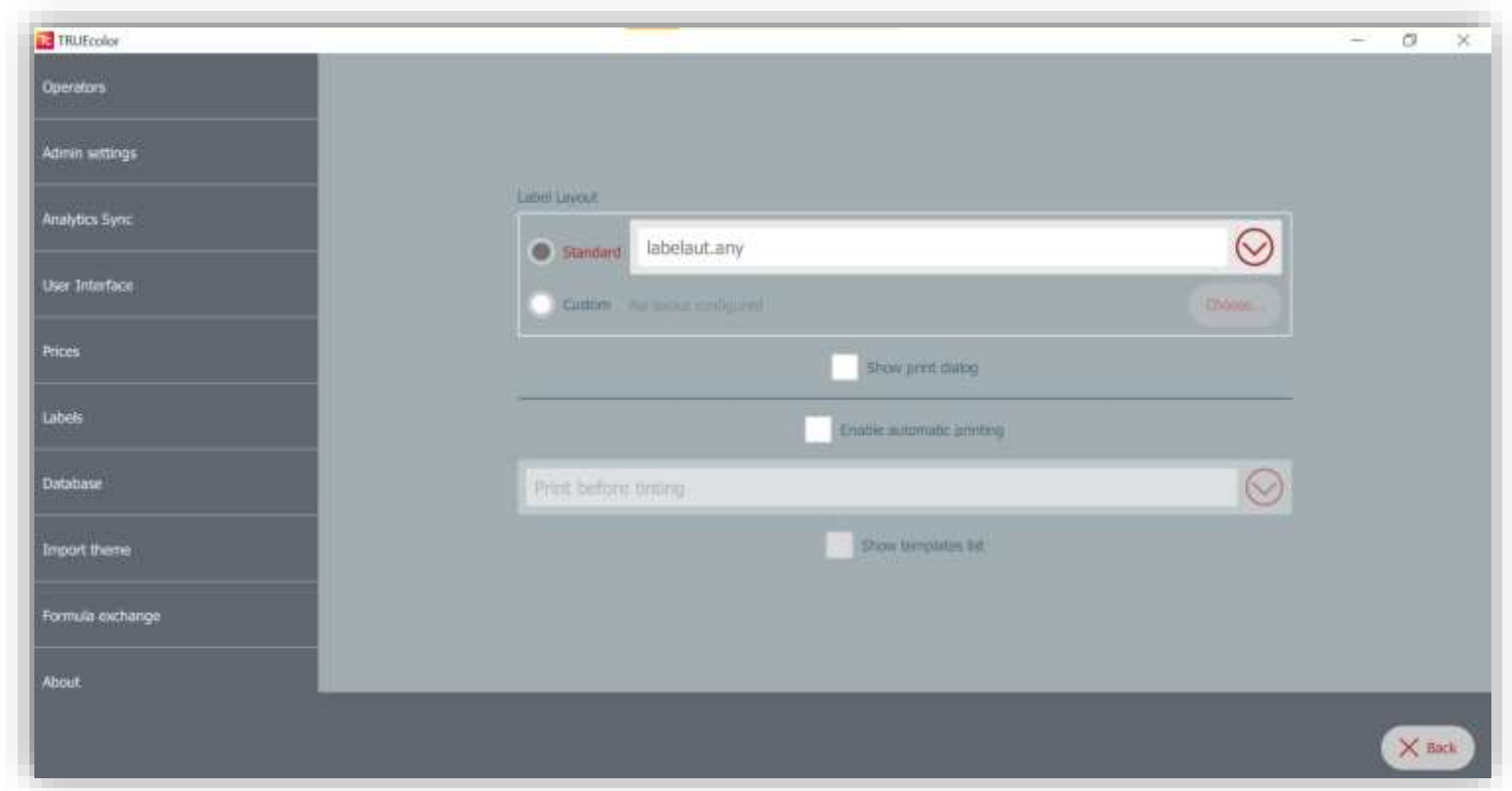
# PRINTERS

Window to select the label to use.

The default printer set in the PC will be used for printing.

Window to select which label layout to use when printing the label for the paint can produced.

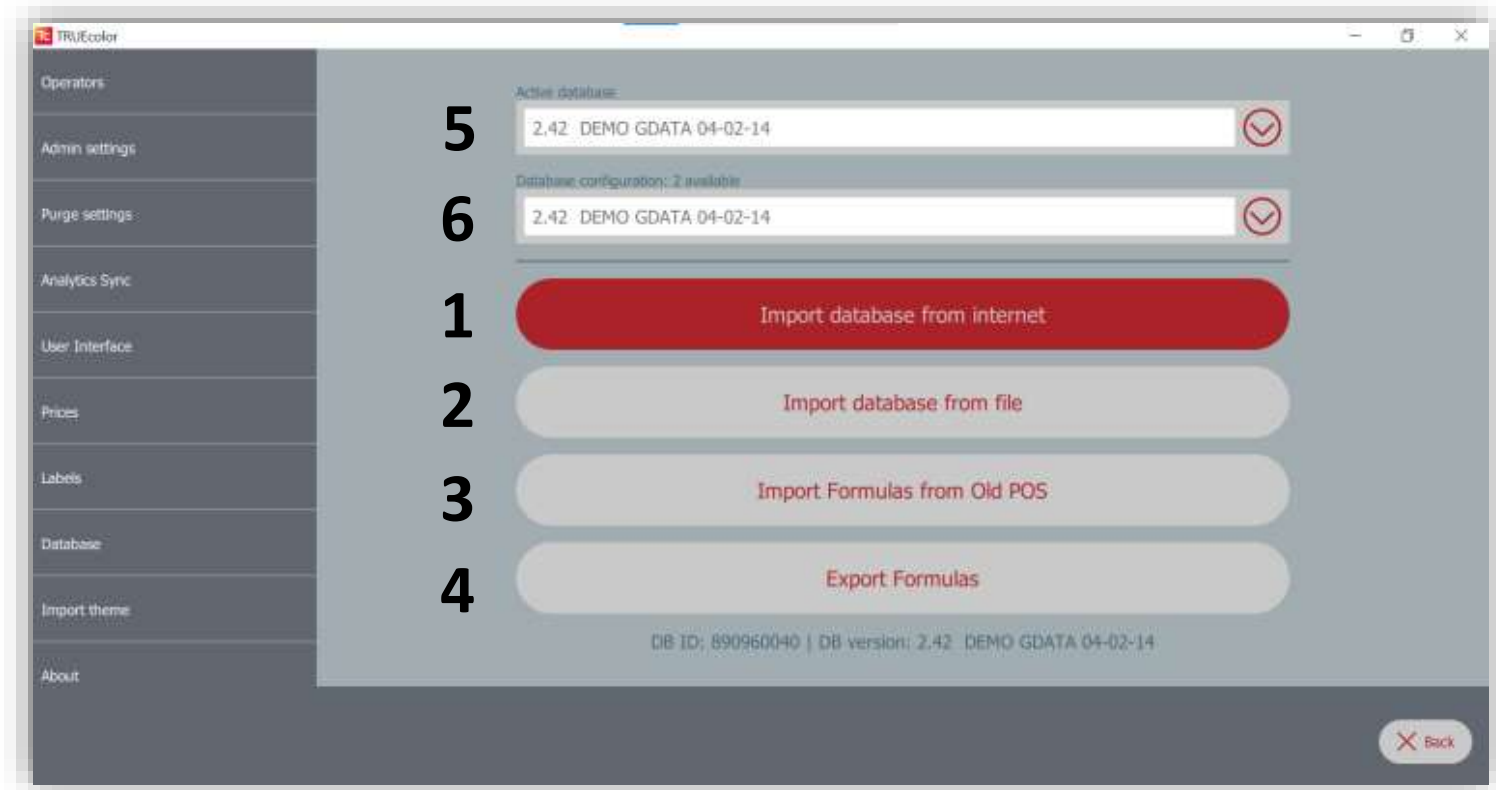
Choose one of the standard \*.any layouts or a custom one.



# DATABASE

- You can:

1. Import the database that is uploaded in the COROBCloud, by typing database code
2. Import the COROBCloud format database (Xdata file) from a disk folder.



3. Import Formula from Old POS(Xdata File). This is useful to retain custom formulas from old POS data.

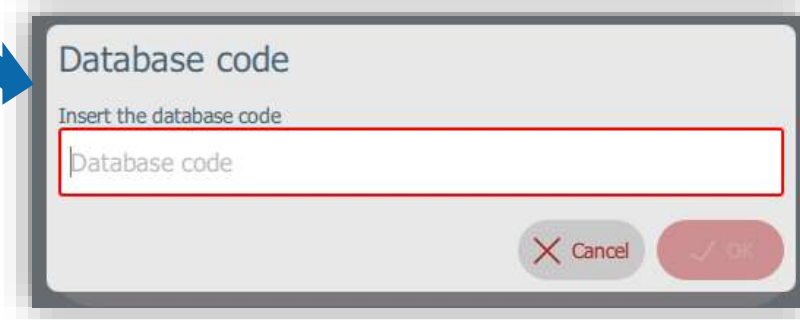
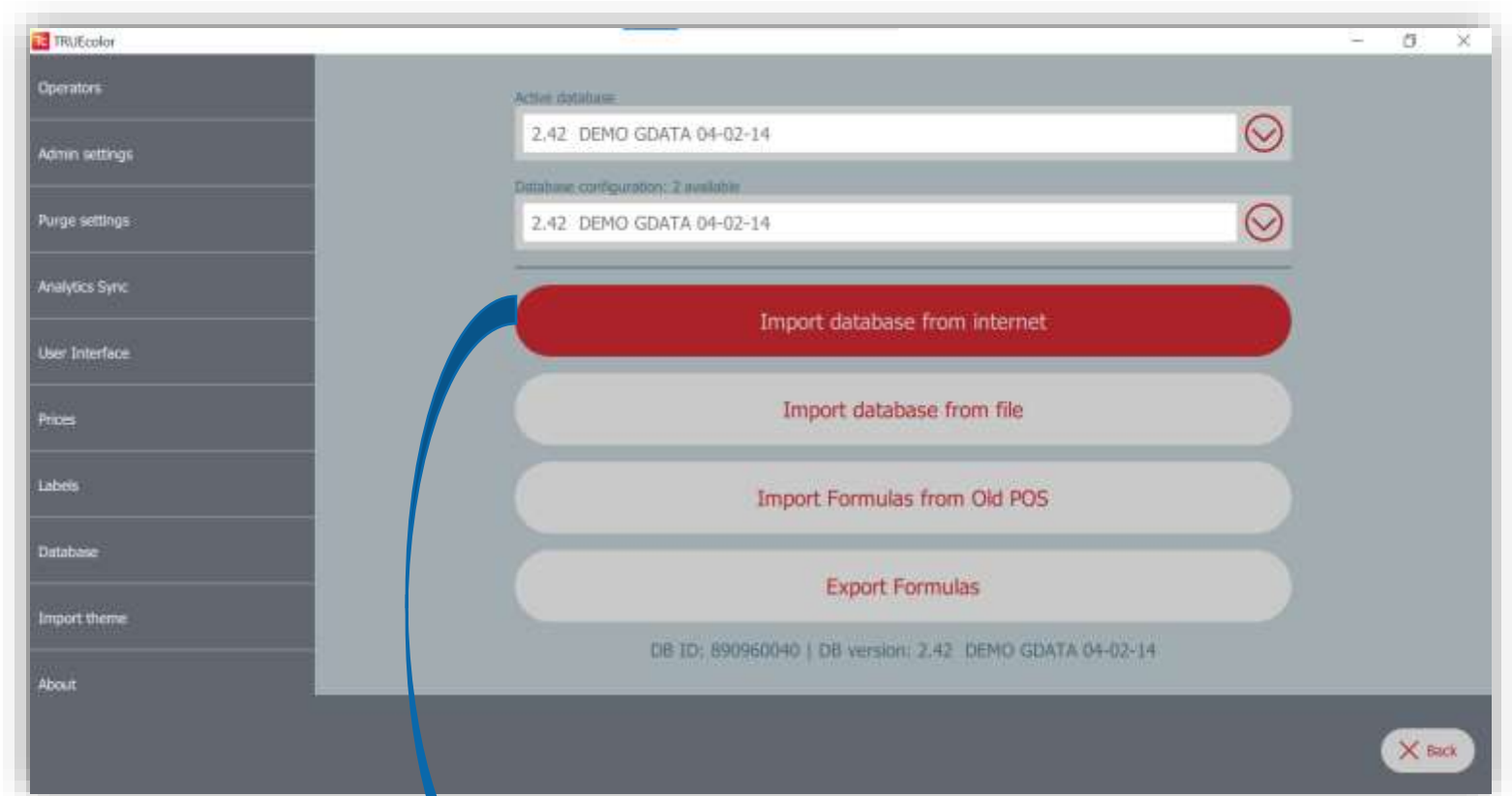
4. Export Formula is useful for exporting Custom formulas in the current database.

5. You can view the list of all enabled databases and can switch the database to apply

6. You can view the list of all available databases and can configure it for usage.

# DATABASE

To import the database from the COROBCloud, type the database code (this code was created when the database was imported in the COROBCloud).



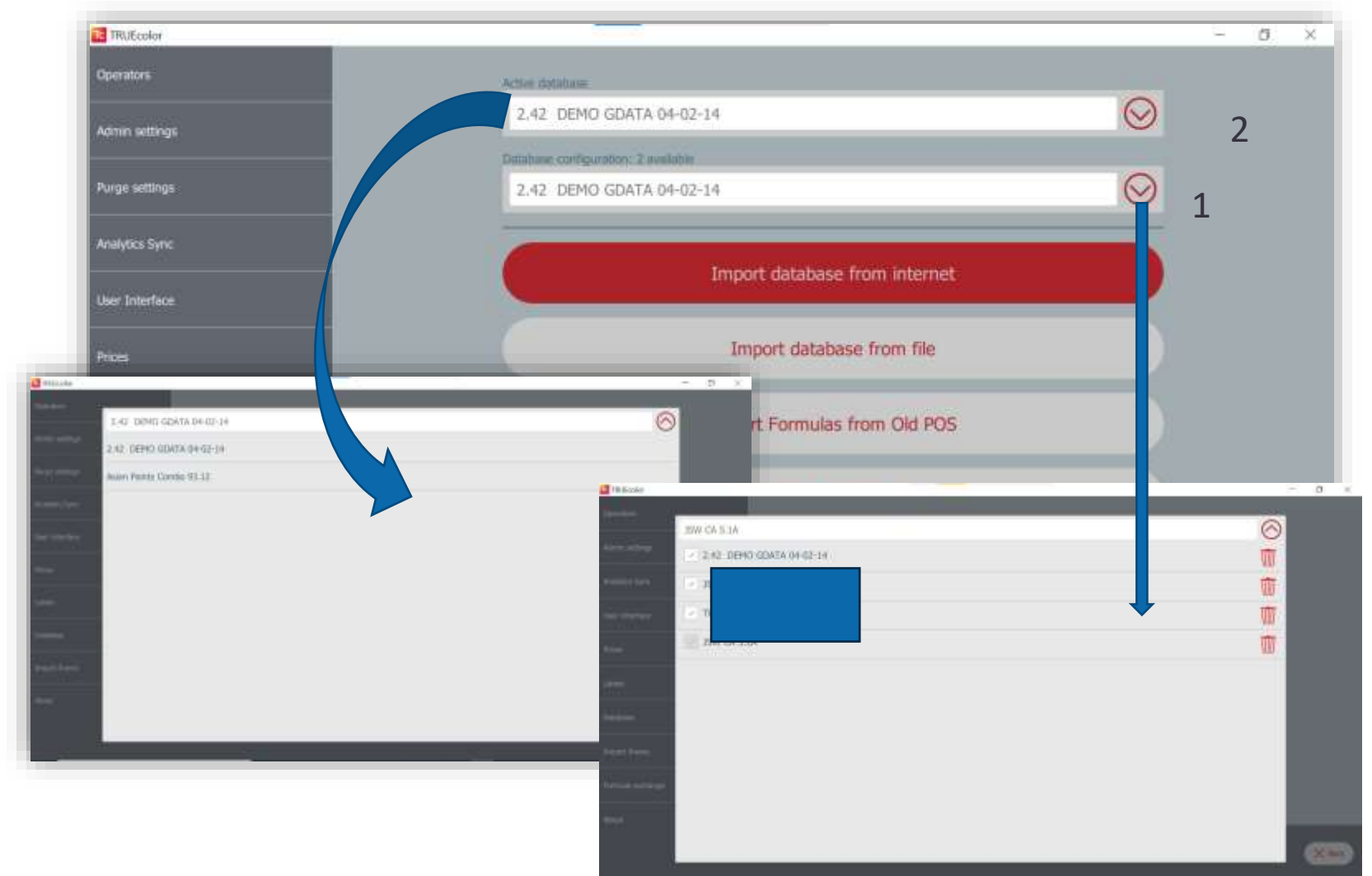
# DATABASE

1. You can view the list of all the available databases and can configure it for usage.

You can check the databases which you want to set as enabled for active usage.

The previously configured tintssystem can be deleted permanently, except active ones.

2. You can view the list of all the enabled databases and can switch the database to apply and use it in the program.

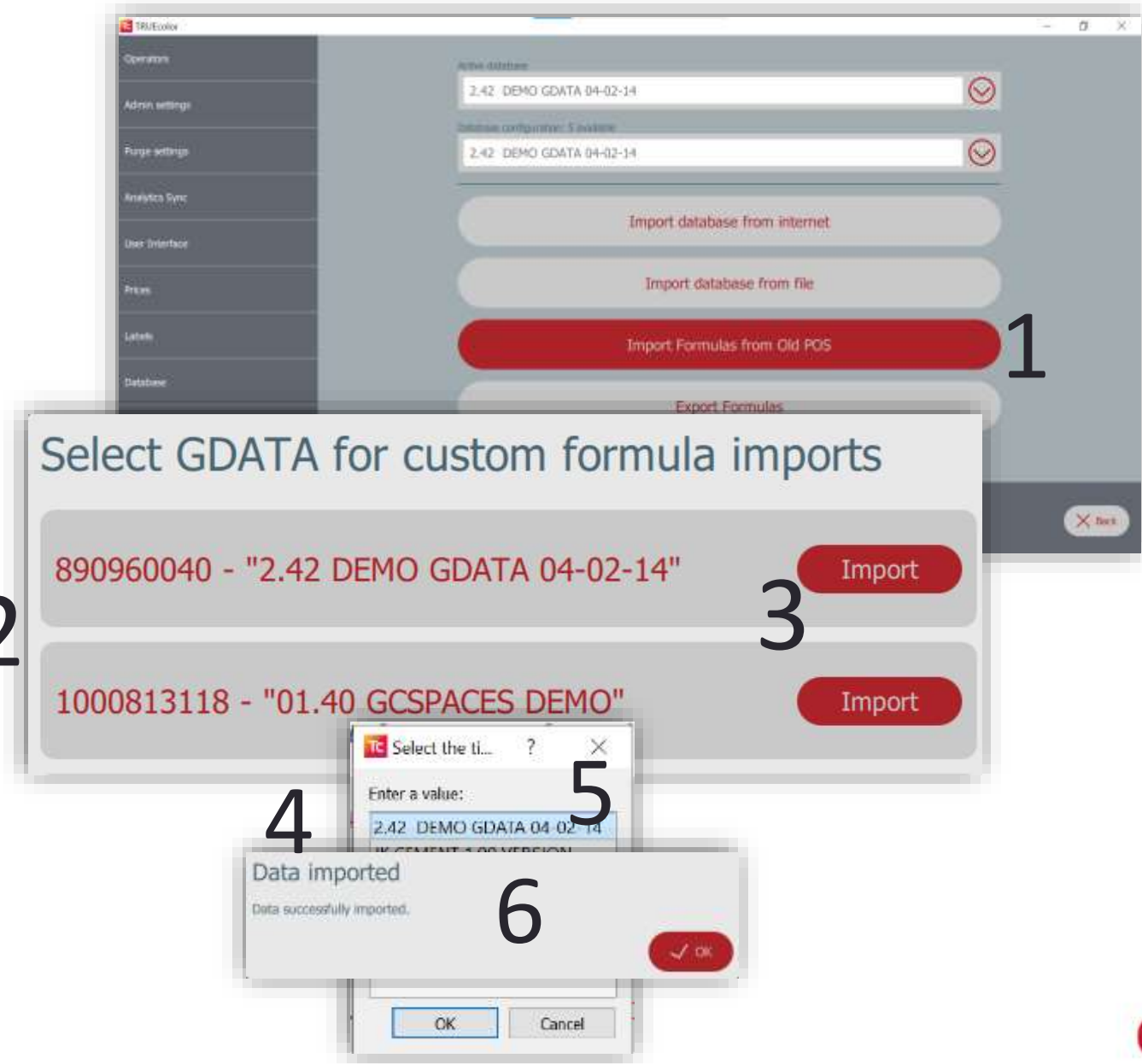


# DATABASE

## IMPORT FROM OLD POS

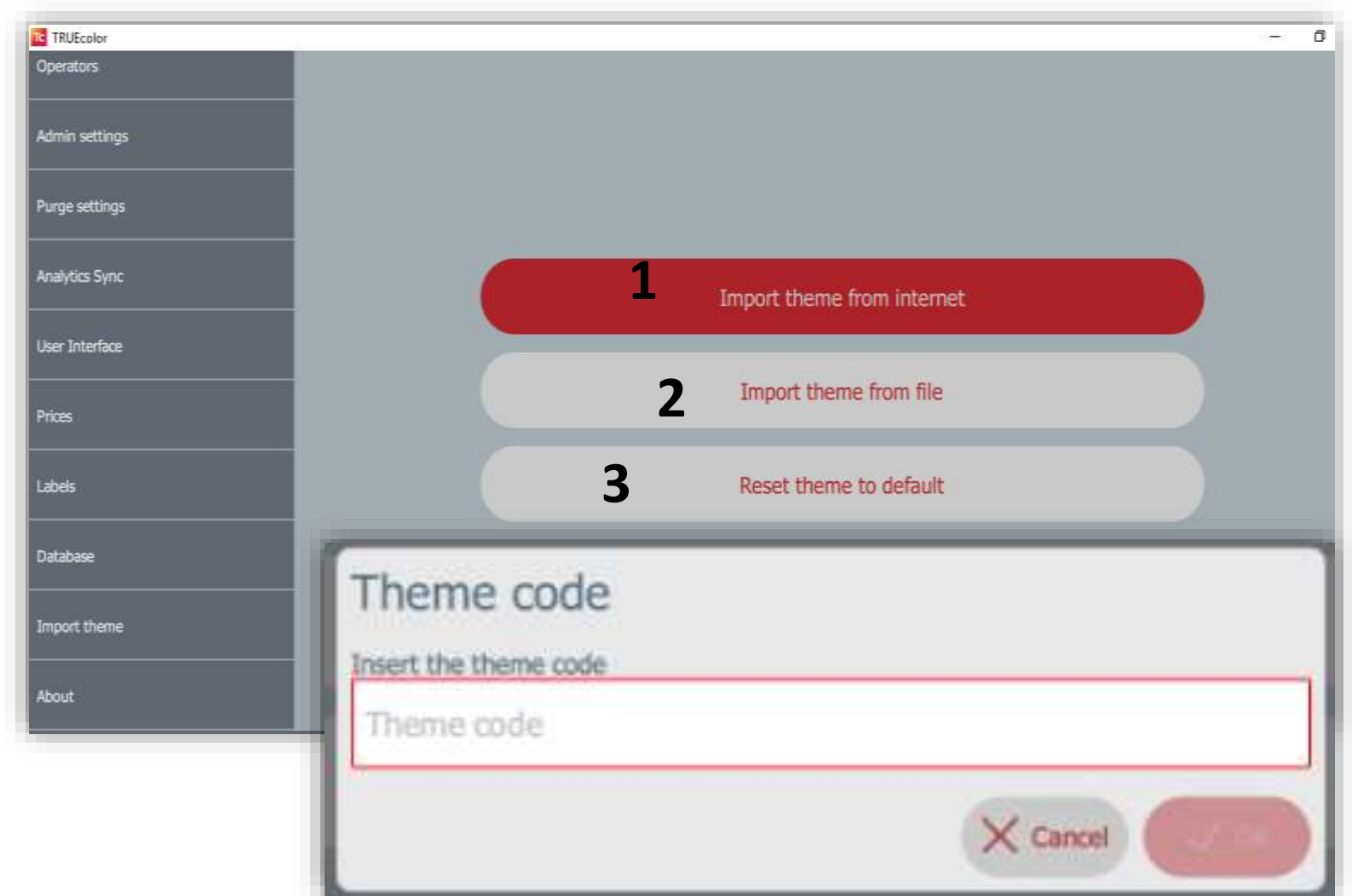
### Steps To Import from Old POS

1. Click on Import Formulas from Old POS from Old POS
2. One gets Selection list of existing GDATA for custom formulas to import
3. Click import against desired file GData of old POS
4. A pop-up opens to select the target GDATA/ XDATA available in the app
5. Select the target database
6. On successful import, the user is notified.



# IMPORT THEME

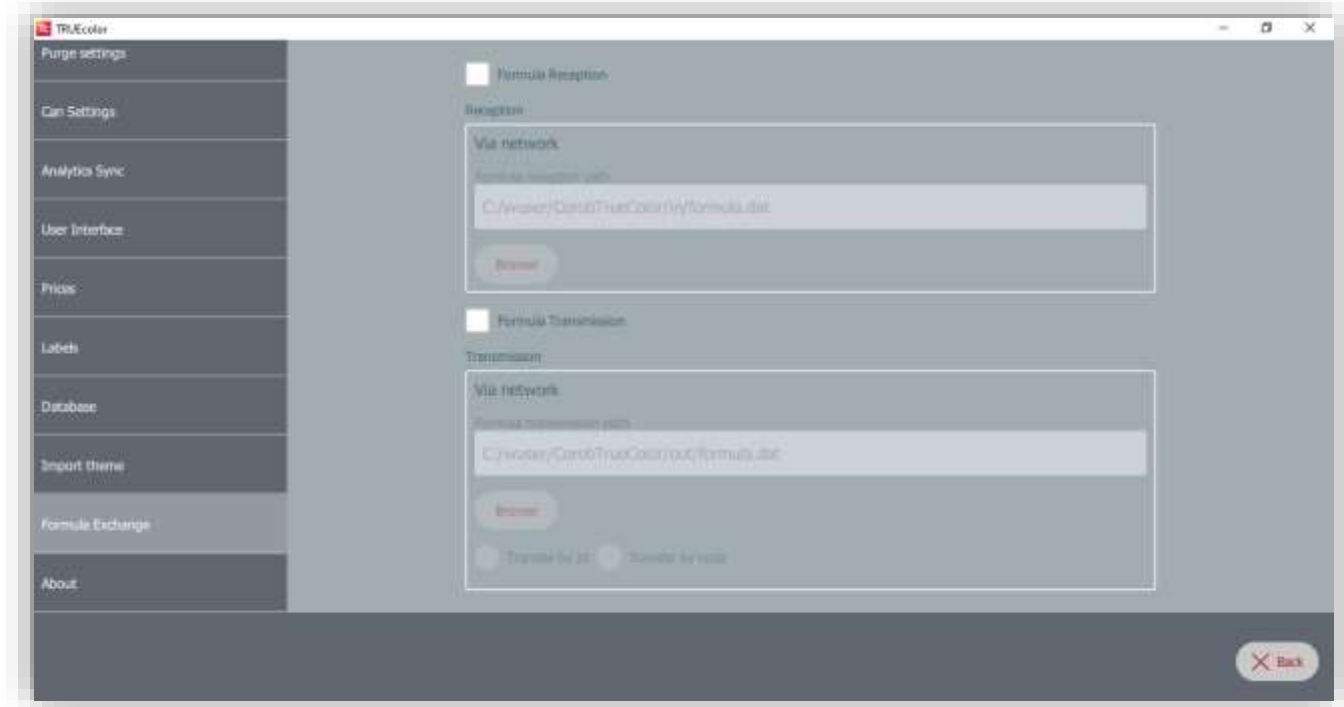
1. You can import in the program the theme that is uploaded in the COROB Cloud, by typing here the theme code.
2. Import the COROBCloud theme from a disk folder.
3. Press Reset theme to default to go back to the program default theme.



# FORMULA EXCHANGE

## FLINK

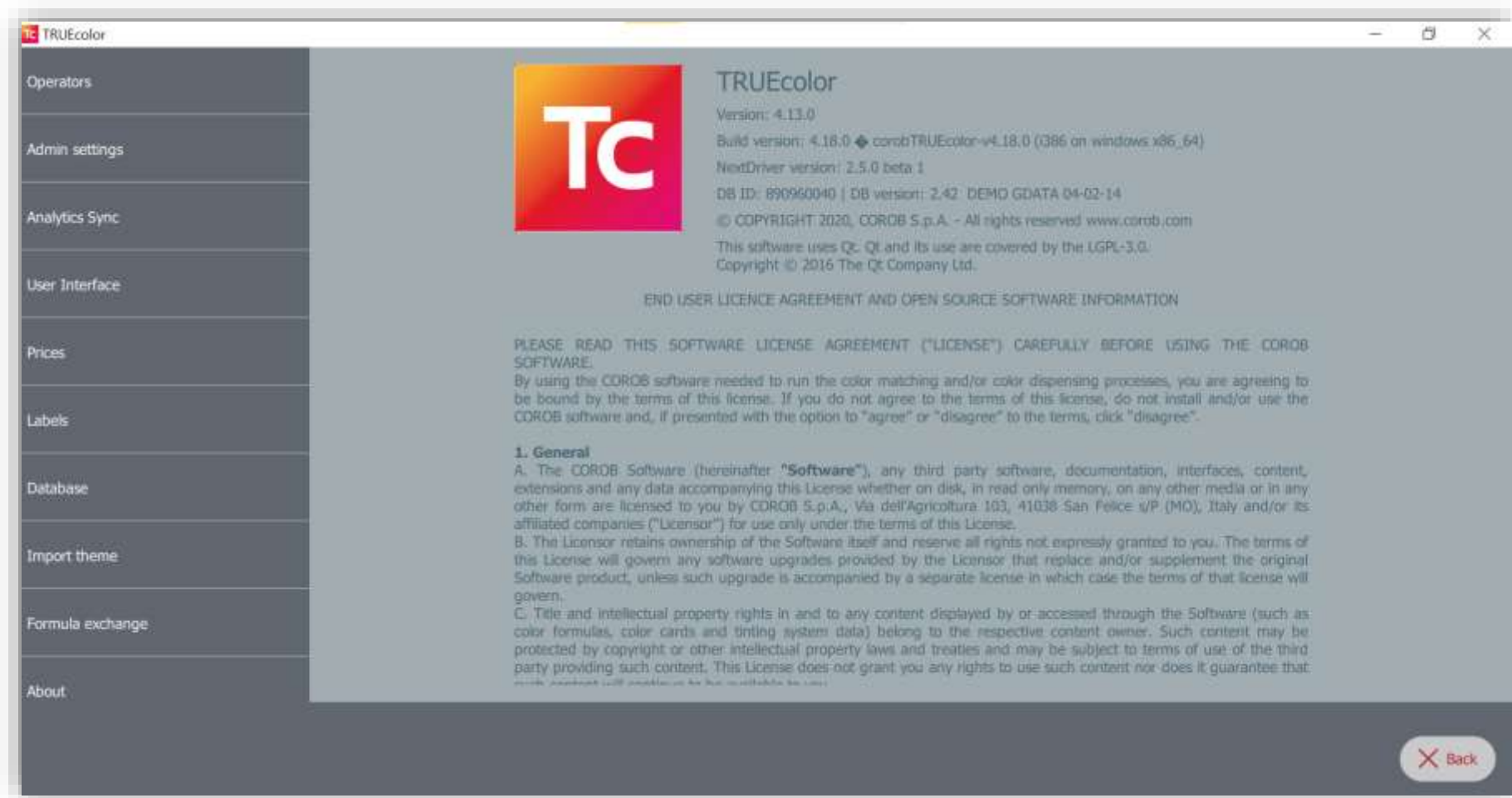
- TrueColor now supports FLINK formula transmission and reception. In order to configure this feature, the user must make appropriate settings in 'Settings' → 'Formula Exchange'. The formula will be received/ transmitted based on the settings made by the user.
- FLINK transmission supports two modes:
  - a. By ID
  - b. By code
- FLINK reception supports only reception using code.





# ABOUT

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



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