

## Installation Guide

# Cleaning QApp

Settings and installation of Cleaning QApp for Cubis® II MCA Balances





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# 1 Cleaning QApp

Cleaning the Cubis® II Ultra-High Resolution Balances is a prerequisite for high-quality measurement results. The risk of unwanted contact with hazardous substances as well as cross-contamination can thus be reduced.

The Cleaning QApp supports with guided cleaning workflows and ensures that the balance is cleaned regularly. Thanks to the QApp, the proper way of cleaning as well as the correct assembly of parts is guaranteed.

## 1.1 Model Compatibility

Cubis® II Model	QApp Center version	Preinstalled
Complete Cubis II MCA	From 09-06-08.09.01	Yes, part of every MCA Essentials QApp package

## 1.2 Workflow Types

The device supports two different types of cleaning.

### Basic cleaning

- The basic cleaning workflow is a fast and straightforward procedure done in three easy steps.
- Basic cleaning is suitable for cleaning the balance after every use and is recommended to execute at least on a daily basis.
- The self-test at the end of the workflow is optional.

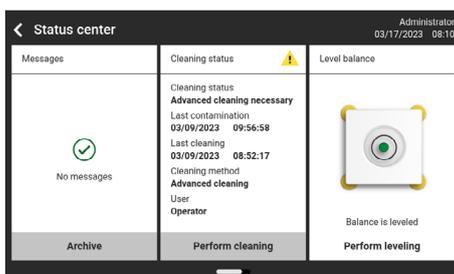
### Advanced cleaning

- The advanced cleaning is a deep cleaning procedure ensuring that all the removable parts of the balance are cleaned.
- The advanced cleaning is suitable for cleaning the balance regularly at longer intervals or in case of major spillage. We recommend to execute this task at least on a quarterly basis.
- The self-test at the end of the workflow is mandatory.

## 1.3 Status Center

The actual cleaning status is displayed in the status center.

- Status: “Cleaned” means that the balance is cleaned.
- Status: “Basic cleaning necessary” means that basic cleaning is required according to your settings.
- Status: “Advanced cleaning necessary” means that advanced cleaning is required according to your settings.
- What to do in case cleaning is necessary? Start the required cleaning by pressing the “Perform cleaning” button. This way the balance performance, and user safety can be ensured while the risk of sample hyphenated is reduced significantly during the weighing procedure.



## 2 Settings

Go to Device Cleaning and select the respective settings menu described below to configure the cleaning function.

### 2.1 Cleaning Support

To activate the cleaning support, select the mode that suits you in the “Cleaning support” setting:

#### Off

Deactivates the cleaning support for the device. No tile is displayed in the status center. Cleaning tasks can still be executed.

Device cleaning	
Cleaning support	Basic and advanced
Cleaning criteria (Basic)	(1)
Cleaning criteria (Advanced)	(1)
Basic cleaning task	Basic cleaning
Advanced cleaning task	Advanced cleaning
Notify on logout	No

#### Basic

The necessity for basic cleaning is monitored based on the “Cleaning criteria”. If the configured criterion is met, the balance will switch into the “Basic cleaning necessary” status.

#### Basic and advanced

The necessity for basic and advanced cleaning is monitored based on the “Cleaning criteria”. Depending on the configuration, the device will switch into the “Basic cleaning necessary” or “Advanced cleaning necessary” status.

Cleaning support	
off	
Basic	
Basic and advanced	

### 2.2 Cleaning Criteria

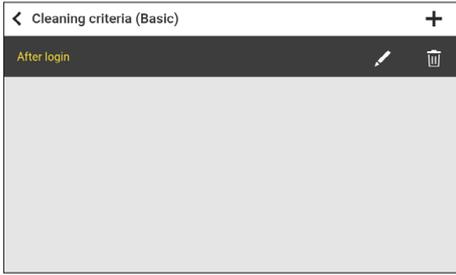
The criterion for changing the cleaning status from “cleaned” to “Basic cleaning necessary” or “Advanced cleaning necessary” can be configured in the settings menu “Cleaning criteria”. Three different types of criteria can be configured by pushing the “+” button in the upper right corner of the display. All of these can also be combined. If one of them is met, the cleaning support will change into the corresponding status.

#### After login

If this cleaning criterion is set, the balance will change its cleaning status after a user logs in to the balance. The roles for which a change of the cleaning status is to take place are configured in the criterion.

This can, for example, exclude certain roles that only use the balance for configuration or for checking data (e.g. audit trail).

Device cleaning	
Cleaning support	Basic and advanced
Cleaning criteria (Basic)	(1)
Cleaning criteria (Advanced)	(1)
Basic cleaning task	Basic cleaning
Advanced cleaning task	Advanced cleaning
Notify on logout	No



**On task start**

If this cleaning criterion is set, the balance will change its cleaning status after a defined number of task starts. It is generally recommended to perform a basic cleaning after each use. To ensure that this recommendation is followed, enable this criterion for the basic cleaning and set the number of task starts to “1”.

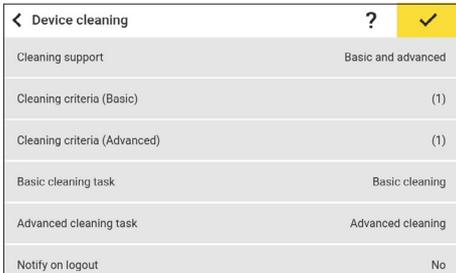


**Usage time**

If this cleaning criterion is set, the balance will change its cleaning status after a defined runtime of tasks. For this purpose, this criterion is configured with the parameters Days and Hours. Every time any task is active, the runtime is measured.

**Cleaning task**

The Cleaning task parameter configures the task that is to be executed when cleaning is necessary, and the user presses a “Perform cleaning” button (e.g. status center or logout). The selection shows all tasks that have a suitable cleaning application linked.



**2.3 Notify on Logout**

If this parameter is set to “yes”, the user will be notified on logout if a cleaning is necessary. The user then has the option of cleaning the device with the configured task, cancelling the logout process, or continuing the logout without cleaning. The message will not be shown in case of auto logout.

**3 Task Creation**

As with every task of the the Cubis® II MCA balances, a cleaning task can be created in the QAPP center.

To create a Task, proceed as follows:

1. Open the “Task management” menu.
2. Press the “+” in menu.
3. Search and select “Cleaning” in the displayed application list
4. Follow the configuration workflow in the task creation

### 3.1 Cleaning Mode

Cleaning mode	Basic cleaning
Allow skipping process	Yes
Confirmation with electronic signature	Off
<div style="display: flex; justify-content: space-between; align-items: center;"> <span>✕</span> <span>Parameters for cleaning</span> <span>➤</span> </div>	

This setting determines the type of cleaning that is supported by the created cleaning task. The user can choose from “Basic cleaning” or “Advanced cleaning”.

### 3.2 Allow Skipping the Process

This setting determines whether a cleaning workflow can be skipped. If the user is familiar with the required steps of the cleaning procedure he can then skip the workflow and will directly enter the screen to start the self-test function. The cleaning status will change to “cleaned” after this has been passed successfully.

### 3.3 Confirmation With Electronic Signature

This setting determines if the cleaning process needs to be signed with an electronic signature.

### 3.4 Name

This setting determines the name of the task that is displayed on the home screen and in every setting menu.

Name	Cleaning Basic
Description	Application to support daily device cle...
Allowed roles	(4)
<div style="display: flex; justify-content: space-between; align-items: center;"> <span>✕</span> <span>ID</span> <span>&lt;</span> <span>✓</span> </div>	

### 3.5 Description

This setting determines the description that is displayed in the QApp center.

### 3.6 Allowed Roles

This setting determines roles that are allowed to start the respective cleaning task.

## 4 Accompanying Documents

In addition to these instructions see the following documentation for further information:

- User Manual of the respective Cubis® II Balance
- Best Cleaning Practices for Cubis® II Ultra-High Resolution Balances

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