

T.I. no.: 20 - 21 Updated: -	Topic: SC Club Software Version 1.8.3
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Date: 03.12.2020	Priority	Need for action
Affected machines: SC Club	High	As soon as possible
From serial number: -	X Medium	X On next visit to the machine
As of date: immediately	Low	FYI

IMPROVEMENTS

Neue Features

- Portioner correction
- Mobile Payment
- Switch-on via cleaning PIN

Optimizations

- Pressure reduction routine
- Improved filling routine water tank
- AutoSteam – Foam quality adjustable by customer
- Switch-off rinsing
- Grounds through counter – Extended setting of external grounds container volume
- MyCoffeeApp – Further functions and optimizations
- Faulty display of machines in 24/7 operation

ADVISE FOR TECHNICIANS

The new software has been put to the test in the course of extensive internal approval tests.

However, if errors should occur after the software update, we ask you for a data back-up to the USB stick, copy this data in an e-mail and send it to the following e-mail address at Schaerer together with an exact error description.

Update power stage version:

If the error 9883 is shown during the update, then the power stage version has not yet been transferred.

In this case the firmware update of the power stage must be mandatorily performed manually. Menu **Service > Service routines > Firmware update power stage**

Neue Features

Portioner correction

At the Schaerer Coffee Club the portioner correction was, in contrast to other Schaerer machines, always set to "inactive" der Schaerer Coffee Club war die Portioniererkorrektur, im Gegensatz zu anderen Schaerer Maschinen, bisher immer auf „inaktiv“.

In order to further improve the coffee quality, after an update to this version, the portioner correction is set to always "active", this setting cannot be changed.

Functionality portioner correction:

After each brewing, the amount of ground coffee currently ejected by the grinder is determined by the dry-press position of the brewer. This dry-press position is compared to the reference value* of this recipe and the resulting percentage deviation is stored in the total beverage memory. If the dynamic average value of the last 30 beverages in the total memory deviates from the reference value by more than +/-5%, the portioner correction is activated and the amount thrown / running time of the grinder is adjusted accordingly for all beverages.

Brewings not taken into account during determination are those which were

- interrupted by the operator
- influenced by S-M-L
- influenced by the barista pad
- influenced by the cup size

*The reference value is calculated separately for each recipe, from the first 10 dispensings after portioner calibration or a recipe.

As the portioner correction has so far been inactive at the Schaerer Club, the reference value is determined from the first 10 dispensings for each recipe after a software update if no portioner calibration is carried out.

Mobile Payment

With the new software version, a possibility of selection for e-payment was implemented.

This new feature offers the possibility to use payment services (PaymentServiceProviders) such as WeChat, AliPay or Twint.

Further information on e-payment will be published shortly with a separate product info.

Activation under:

System > Maschinen configuration > Accounting > E-Payment



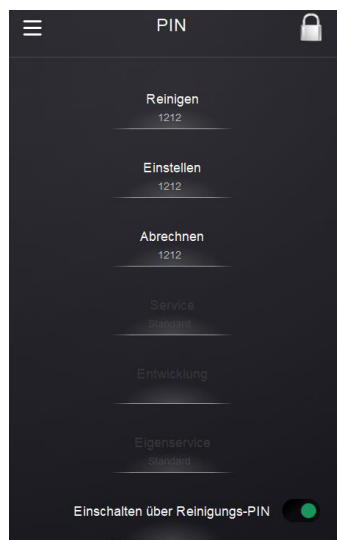
Switch-on via cleaning PIN

In the PIN menu there is now the possibility to lock the machine against unintentional switch-on (e.g. in conference rooms, lounges etc.).

For this purpose the menu item – Switch-on via cleaning PIN - has been integrated into the PIN menu. If the function is activated and at least one cleaning PIN is assigned, this PIN is requested upon switching on the machine. If the PIN is entered correctly, the machine starts as usual, if the PIN is entered incorrectly 3 times one after the other or no PIN is entered for longer than 10 seconds, the machine is switched off again.

With the known service PIN a locked machine can be put into operation at any time.

PIN > Switch-on via cleaning PIN

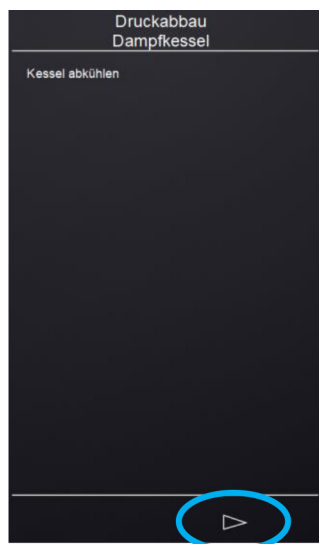


Optimizations

Pressure reduction routine

From the field, a case was reported in which after having entered the pressure reduction routine, the boiler heated up until the pressure relief valve triggered.

This could be reproduced by NOT starting "Cool boiler" by means of pressing the arrow key for a longer time after having entered the pressure reduction routine.



This error has been corrected and unwanted heating is avoided.

Improved filling routine water tank

Due to a faulty filling level evaluation or overlapping of event messages during the water tank refill, in unfavourable cases an overfilling of the water tank or unauthorised "Fill water tank" indication on the display could occur.

The software for the filling routines in case of empty water tank (tank and fixed water machines) was therefore completely revised and improved.

AutoSteam – Foam quality adjustable by customer

At machines with the AutoSteam (2-Step) option, the setting of the foam quality (volume) could previously only be adjusted by the service technician in the expert menu.

This was changed with this software version, the foam quality can now be changed directly by the customer in the beverage recipe.

Switch-off rinsing

In the previous versions, the "switch-off rinsing" in the system menu could be deactivated by the operator. However, as the switch-off rinsing is an important part of the simplified cleaning concept of the Schaerer Coffee Club, the switch-off rinsing is mandatory upon switching off the machine.

With this software the menu item "Switch-off rinsing" was removed from the system menu and permanently activated in the software.

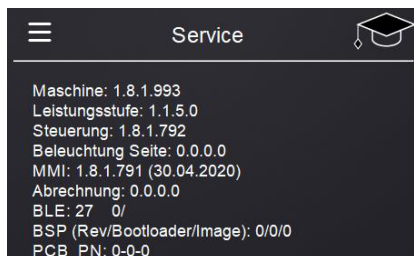
Grounds through counter – Extended setting of external grounds container volume

With the new software version, there is the possibility for machines with the option "Grounds through counter" to adjust the grounds container volume step by step as of 250 grams.

MyCoffeeApp – Further functions and optimizations

With the new software version, which now includes the BLE version 27, functionalities and optimizations which were already improved in 2019 have been implemented in the Bluetooth function "MyCoffeeApp".

After a software update, the new status can be seen in the info menu under **Info > Service > 2nd page with BLE: 27**.



With the new software version the following further functions were implemented.

- Using the addition *HOTWATER* (incl. stars) in the beverage name of any beverage, pure hot water beverages can now also be dispensed.

In the new software version the following optimizations are included.

- Longer dispensing pauses could lead to an interruption of the between machine and BLE dongle. With the new software this has been corrected.
- Switching between beverages or submenus could cause the message „Machine not ready“. With the new software this has been corrected.

Tips and advice

- In case of a weak Bluetooth connection, the transfer between mobile device and machine can be accelerated by removing the profile picture in the settings menu of MyCoffeeApp, thus reducing the amount of data to be transferred.
- With iOS version 13.1.x it was reported that a connection to MyCoffeeApp is not possible.
With iOS version 13.2.x or 13.3.x this is possible again.
With iPhones the privacy setting „Activated“ is required.

Faulty display of machines in 24/7 operation

It was reported from the field that on machines running in 24/7 operation, the beverage symbols on the display changed into grey or white fields and the machine could not be operated any longer. After rebooting the machine, the machine could be operated as usual for a certain period of time until the error occurred again.

With the new software the faulty display of machines in 24/7 operation has been corrected.