

# CHANGELOG

## Stratos Evo 451 DP

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## Version History

### 1 Firmware Version Stratos EVO 451 DP

#### 1.1 Version 1.0.3

- Optimization of the ENTER key recognition
- Optimization of Memosens sensor detection

#### 1.2 Version 1.1.0

- **New:** Cation exchanger exhaustion is available as a measured value
- **New: Resetting the cation exchanger consumption in measurement mode**  
In the cation exchanger consumption display, press the Enter key to jump to a menu for resetting the cation exchanger consumption (NEW EXCHANGER)
- **New: Concentration calculation for alkalizing agents (selection -C9-)**  
The calculation of the concentration of the alkalizing agent is available as a calculation type (selection -C9-)
- **New: Calculation of cation exchanger consumption**  
Display of the remaining capacity of the cation exchanger: 100% corresponds to the unused state
- **Change: Calculation option -C7-**  
Introduction of the additional parameter FACTOR 3
- **Change: Parameterization of degassed conductivity calculation -C8-**  
Parameter B for calculating degassed conductivity is entered with an exponent of 10E-3 instead of the previous 10E-4
- **New: Flow calculation with variable recording interval**  
Recording interval for pulse counting of incremental flow meters can be parameterized (1 ... 20 s)

#### 1.3 Version 1.2.0

- **New:** Support for Memosens conductivity 4-pin sensors
- **New: Additional measured value display**  
Display No. 7 with flow and pH/LF DAC calculated
- **Bug fix: Calibration method in Memosens**  
The incorrect identifier for a product calibration was entered in the Memosens pH/ORP sensor

- **Änderung: Impedanzüberwachung**

Die Grenzen der Impedanzüberwachung werden bei Memosens-pH/ORP-Sensoren im Sensoface berücksichtigt

- **Bug fix: Autoclave counter check**

The autoclave counter was not taken into account for Memosens pH/ORP sensors in Sensoface

## 1.4 Version 1.2.1

- **New:** Color matching enabled in production

## 1.5 Version 1.3.0

- **Bug fix:** Measurement value display for Cond/Cond did not show the subline
- **Bug fix: pH measurement value was not monitored for limit values in Cond/Cond**  
Error 59 was not issued
- **Change: TAG display in the measured value display**  
The TAG that is parameterized in the physical block is displayed

## 2 Firmware Version Stratos EVO 451 DP Bus Interface

### 2.1 Version 1.1.0

- **New:** The cation exchanger exhaustion is available as a measured value

### 2.2 Version 1.1.1

- **Change:** Color matching enabled in production

### 2.3 Version 1.2.0

- **Bug fix:** The value of the PV\_SCALE parameter could not be changed

### 2.4 Version 1.3.0

- **New:** Compensated and uncompensated conductivity readings are available simultaneously as cyclic data