

# Modifications

## R3600 controller range Version 3+ (April 2018)

We've done a redesign of the internal electronics of the controller range to improve reliability.

- This includes a more precise Real Time Clock,
- a more precise air pressure sensor,
- improved board connections.

The alarm setting now enables to set 2 different times, one for each control. I.e. that the alarm setting can be enabled or disabled per channel.

Unfortunately have the models R3620 and R3624 lost the possibility to measure and control Dissolved Oxygen. It is however a great device to use and control Ion Selective electrode measurements.

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## R3610SP (Swimming Pool)

The model R3610SP is a special version of the model R3610 with pre-set parameters (can be adjusted!) for the control of pH and ORP (mV):

- CH1 → pH
  - Proportional Control
  - Hi = 7.35 pH controlling relay 1
  - Hys = 0.10 pH
  - dP = 0.50 pH
  - dt = 30 s
  - Pt = 30 s
- CH2 → mV (ORP)
  - Proportional Control
  - Lo = 650 mV controlling relay 2
  - Hys = 50 mV
  - dP = 100 mV
  - dt = 30 s
  - Pt = 30 s

This model has also an additional setting for the dependencies of the controls on each other. There are 3 possibilities:

- 2 is dependent on 1: i.e. CH2 won't be controlled if a control is active on CH1
- 1 is dependent on 2: i.e. CH1 won't be controlled if a control is active on CH2
- No dependencies, each channel is able to control its parameters independently of the other channel

The conductivity measurement has been disabled.

## Kit modifications starting from Sep 1, 2014

Our goal is to create kits (packages) which are most suitable according to the instrument and use of that instrument. Since we have various customers in various domains this is not easy.

For C3000 and C6000 series we noticed that people generally prefer glass electrodes over epoxy electrodes. Certainly for EC measurements. So we decided to change the current kits and create new kits so that both options would still be available.

The new versions contain the following items:

glass electrode kits	
P-kit	SP21T B004 B007
K-kit	SK20T B060
PK-kit	SP21T SK20T B004 B007 B060
T-kit	SP21T SK20T SZ10T B004 B007 B060
epoxy electrode kits	
PE-kit	SP10T B004 B007
PCH-kit	SP24T B004 B007
KE-kit	SK10T B060
PKE-kit	SP10T SK10T B004 B007 B060
TE-kit	SP10T SK10T SZ10T B004 B007 B060

You can see that the former P, K, PK and T kits are now renamed to PE, KE, PKE and TE.

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## C3010/C3020 modifications starting from Sep 1, 2014

We changed the specifications of our C3010 so that it has the same measurement capabilities as the C3020. The new **C3010** can now also measure **Dissolved Oxygen**. This results in C3020 being obsolete.

C3020 will still be available at the same price of C3010 until the end of 2014.

As a results of this the T-kit of C3010 changes.

C3010 kit changes	
previous	new
C3010P	C3010PE
C3010K	C3010KE
C3010T	C3010PKE

**The NEW C3010T and C3010TE has a SZ10T added!**

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## R3610 changes from September 1st 2014

Besides a negative price correction in the whole R36xx series we also added the following to the R3610:

- Two programmable 4-20 mA recorder outputs.
- Two-way communication with any computer using RS485.

From:  
<https://www.consort.be/wiki/> - **Support website**

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