

Brief Instructions

AquaScat S Turbidity probe for water treatment

Safety pointers

 It is absolutely necessary to read the Instruction Manual before operating. It is particularly important that the section "General safety pointers" is read and understood.
→ Instruction Manual

Control elements



① Menu button Calls up the menu structure.	② Valu button Numerical representation of the measuring values.
③ Info button Displays the information screen.	④ Diag button Graphical representation of the measuring values.
⑤ Up arrow Goes to the previous page.	⑥ Down arrow Goes to the next page.

Activating/deactivating display

	MANIPULATION	ADDITIONAL INFO
1.	Press the lock icon at the top left.	
2.	Within one second, press the key at the bottom right. Depending on the initial state, the lock icon changes as follows:	
	 Display unlocked  Display locked	

Switch to service operation

1.	Press the Menu button.
2.	Set the access code and confirm with OK .
3.	The main menus appear.

Set operating language

1.	Press the Menu button.
2.	Set the access code and confirm with OK .
3.	Press the Configuration button to access the language selection.  If the desired menu does not appear, press the arrow bottom right.
4.	Press the language field. The list of all languages appears (factory setting is English).
5.	Apply the desired language by pressing the corresponding field. Pressing ESC cancels the procedure.
6.	Press the Meas button.

Change access code

1.	Press the Menu button.
2.	Set the access code and confirm with OK .  Factory setting is 0 .
3.	Press the Configuration button.  If the desired menu does not appear, press the arrow bottom right.
4.	Press the button to the right of the Access code description text.
5.	Enter the access code and confirm with OK .
6.	Press the Meas button.

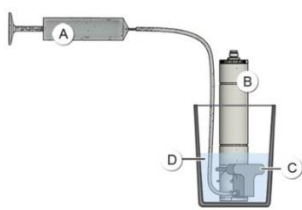
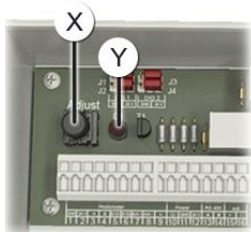
Servicing schedule

WHEN	WHO	WHAT
Annually or in the event of a warning	Operator	Replace the desiccant and gasket
As needed	Operator	Clean the AquaScat S
Every 3 months or more often (as needed)	Operator	Recalibrate the AquaScat S
Every 10 years or as needed	Operator	Replace the battery in the SICON

Brief Instructions

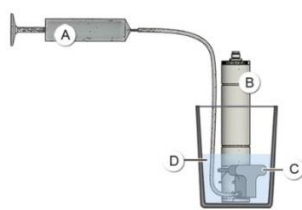
AquaScat S Turbidity probe for water treatment

Recalibration with Conn-R

	WORKSTEP
1.	Stop the sample flow and remove the photometer from the line according to the Instruction Manual. i If a retractable assembly is used, the sample flow must not be interrupted.
2.	Clean the photometer as described in the Instruction Manual.
3.	Check whether the checking unit is clean.
4.	Insert the checking unit into the sensor head until it snaps into place as described in the Instruction Manual.
5.	Place this unit vertically in a vessel filled with water.  A: Syringe with hose B: AquaScat S C: Checking unit D: Vessel filled with clean water
6.	Slowly draw out the syringe (A) until water is drawn in and no more bubbles are visible. i The checking unit must be covered by at least one finger width of water.
7.	Open the Conn-R junction box as described in the Instruction Manual.
8.	Press the button (X) to start the recalibration. The LED (Y) starts flashing in one-second intervals and the adjustment is carried out. 
	After the adjustment is successful The current soiling level is indicated by a flash code on the LED: - The LED goes out for five seconds. - The flash code indicates the current soiling level. - A second phase where the LED goes out for five seconds indicates that the code is finished. If the LED flashes more than five times, then the soiling level is too high. The AquaScat S must be cleaned according to the servicing schedule. Adjustment not successful (flash code 10): The LED flashes again in four-second intervals. Consult the Instruction Manual in this case.

	WORKSTEP
9.	Remove the checking unit from the photometer and dry it. In doing so, ensure that the surface of the glass body is dry.
10.	Install the instrument as described in the Instruction Manual and put it back into operation.

Recalibration with SICON (M)

	WORKSTEP
1.	Stop the sample flow and remove the photometer from the line according to the Instruction Manual. i If a retractable assembly is used, the sample flow must not be interrupted.
2.	Clean the photometer as described in the Instruction Manual.
3.	Check whether the checking unit is clean.
4.	Insert the checking unit into the sensor head until it snaps into place as described in the Instruction Manual.
5.	Place this unit vertically in a vessel filled with water.  A: Syringe with hose B: AquaScat S C: Checking unit D: Vessel filled with clean water
6.	Slowly draw out the syringe (A) until water is drawn in and no more bubbles are visible. i The checking unit must be covered by at least one finger width of water.
7.	Carry out recalibration with SICON (M): - Switch the SICON to service operation. - Select the Recalibration menu and then press C1. Check whether the nominal value is correct. - Press the initiate... button.
8.	Adjustment successful: If the adjustment was successful, this is confirmed with Adjustment OK. Recalibration is now complete. Adjustment not successful: If the adjustment was not successful, this is indicated with Adjust. fault. Check the Instruction Manual in this case.
9.	Remove the checking unit from the photometer and dry it. In doing so, ensure that the surface of the glass body is dry.
10.	Install the instrument as described in the Instruction Manual and put it back into operation.