

BRIEF INSTRUCTION

AquaScat 2 P Turbidimeter with closed measuring cell

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 components



Figure 1: Control components in normal operation

①	Menu button Available menu structure.	②	Valu button Numerical representation of the measuring value.
③	Info button General overview of the settings and configurations of the instrument.	④	Diag button Graphic representation of the measuring value.

Lock/unlock display

1. Press the lock icon top left.

2. Within one second press the button 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 menu appears.

Set operating language

1. Press the **Menu** button.
2. Set the access code and confirm with **OK**.
3. Use the **down arrow** key to select the second page.
4. Press the **Configuration** button to access language selection.
5. Press the **Language** field. The list of all languages appears (factory setting is English).
6. Apply the desired language by pressing the corresponding field.
Press the **ESC** button to cancel.
7. Press the **Meas** button.

Set current outputs

1. Press the **Menu** button.
2. Set the access code and confirm with **OK**.
3. Press the **Curr. outputs** button.
4. Select current output 1 or 2.
5. Select **C1 Turb** source.
6. Select range.
7. Press the **Meas** button.

Change access code

1. Press the **Menu** button.
2. Set the access code and confirm with **OK**.
3. Use the **down arrow** key to select the second page.
4. Press the **Configuration** button.
5. Press button right at **Access code** description text.
6. Enter the access code and confirm with **OK**.
7. Press the **Meas** button.

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Set date and time

1.	Press the Menu button.
2.	Set the access code and confirm with OK .
3.	Use the down arrow key to select the second page.
4.	Press the Configuration button.
5.	Press the down arrow key.
6.	To enter the time, press the currently displayed time at the Time menu item and enter the new time with the number pad. Confirm entry with OK .
7.	To enter the date, press the currently displayed date at the Date menu item and enter the new date with the number pad. Confirm entry with OK .
8.	Press the Meas button.

Manual adjustment

1 This procedure is described in detail in the Instruction Manual.

1.	Interrupt the sample supply to the photometer.
2.	Remove sample connections and wait until the measuring cell empties.
3.	Loosen the screw cap and remove the measuring cell plate. 
4.	Mount the checking unit on the measuring cell plate.
5.	Re-insert the measuring cell plate with the mounted checking unit into the measuring cell housing and fasten the cover screw cap.

6.	Fill the measuring cell with water. For turbidity values < 0.5 FNU: If the water turbidity is less than 0.5 FNU, establish the sample feed and fill the measuring cell with water. For turbidity values > 0.5 FNU: If the water turbidity is more than 0.5 FNU, then instead of process water fill the measuring cell with filtered water.
7.	Switch photometer to service operation.
8.	Press the Recalibration key and then C1 Turb.
9.	Check whether the saved nominal value matches the information on the checking unit.
10.	Press the initiate key and wait.
11.	Empty the measuring cell.
12.	Remove the measuring cell plate again and remove the checking unit by pressing the release.
13.	Insert the measuring cell plate into the measuring cell and fasten with the screw cap.
14.	Clean and dry the checking unit.
15.	Put the instrument into operation again.

Servicing schedule

WHEN	WHO	WHAT
Annually or if humidity warning.	Operator	Change desiccant.
Every three months or as needed.	Operator	Manual adjustment.
		Clean the optional accessory parts (e.g. flow meter).
As needed	Operator	Clean the closed measuring cell.
Every 5 years or as needed.	Service technician	Replace gaskets of the measuring cell.
Every 10 years or as needed.	Operator	Change battery.
Every 10 years or as needed.	Service technician	Replace window of the measuring cell.