



# pH and ORP measurement for wastewater

DIGITAL, RELIABLE, CONVENIENT CALIBRATION



a xylem brand

# pH /ORP armature with integrated preamplifier

## Advantages

- Stable signals by digital signal processing
- Convenient by calibration in the lab and glass breakage detection
- Reliable measured values by integrated temperature sensor

Convenient calibration in the lab by storing calibration values within the sensor. Due to our quick-lock, the sensor can be disconnected and – after laboratory calibration – re-connected at the site easily.



left: SensoLyt® 700 IQ;  
right: seawater model  
SensoLyt® 700 IQ SW

Screens from our How-To video showing the convenient calibration in the lab – see also: <https://youtu.be/8p-cef90P3I>

## Technical Data

<b>Model</b>	<b>SensoLyt® 700 IQ (SW)</b>	
<b>Measuring principle</b>	Electrochemical	
<b>Measuring range</b>	<b>SEA</b>	2 ... 12 pH
	<b>SEA-HP</b>	4 ... 12 pH
	<b>DWA</b>	0 ... 14 pH
	<b>ECA</b>	2 ... 12 pH
	<b>PtA</b>	±2000 mV
<b>Temperature measurement</b>	Integrated NTC, -5 ... +60 °C	
<b>Operational temperature</b>	0 ... 60 °C	
<b>Permissible overpressure</b>	6 ... 10 bar (depends on electrode)	

For further technical data please see datasheet D2.03.

below:  
measuring head with protection cap, temperature sensor  
and twist-locked electrode



**IQ**  
**SENSOR NET**  
for Systems  
2020 and  
282/284  
[www.iq-sensor.net](http://www.iq-sensor.net)

## Ordering Information

Model	Description	Order No.
<b>SensoLyt® 700 IQ</b>	Digital pH/ORP fitting for SensoLyt® electrodes, with integrated preamplifier and temperature sensor (please order cable separately)	109170
<b>SensoLyt® 700 IQ SW</b>	Like the SensoLyt® 700 IQ, but as a sea water model	109171
<b>SensoLyt® 700 IQ/SET</b>	SensoLyt® 700 IQ including SensoLyt® SEA pH electrode and 7 m connecting cable	109173
<b>SensoLyt® 700 IQ/SET 1</b>	SensoLyt® 700 IQ including SensoLyt® PtA ORP electrode and 7 m connecting cable	109174



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