



# pH and ORP Measurement for all Waters

DIGITAL, RELIABLE, CONVENIENT CALIBRATION



a xylem brand

# pH /ORP Armature with Integrated Pre-amplifier

## 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

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

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



**IQ**  
**SENSOR NET**  
for systems  
2020, 282/284  
and 281

[www.iq-sensor.net](http://www.iq-sensor.net)

For further technical data please see datasheet D2.03 and D3.04.

## Ordering Information

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



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