



pH and ORP measurement for wastewater

DIGITAL, RELIABLE, CONVENIENT CALIBRATION



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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

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

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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