



Intelligent - Digital - Special

pH MEASUREMENT WITH IDS pH ELECTRODES IN LIFE SCIENCES



a xylem brand

pH measurement in Life Sciences ...

... traceable with IDS.

Special pH electrodes extend the range of the IDS series for enhanced applications in Life Sciences and related applications.

pH electrodes with IDS

- Safe measurements by signal processing in the electrode
- Easy exchange of electrodes thanks to calibration data stored in the sensor
- Best GLP support due to automatic documentation of all relevant data
- Exact sensor rating guaranteed by OQC



SenTix® 945

Fast and universal, a perfect gel electrode for the laboratory

- Three junctions for fast and precise responding
- Gel filling guarantees low maintenance during lifetime
- Smooth glass shaft allows easy cleaning

SenTix® Micro 900

A slender solution for small measurements

- Extra-long, thin shaft supports measurement in small vessels or sample volumes
- Platinum wire junction for fast and stable measurements
- Built-in temperature provides for accurate readings

SenTix® Sp-T 900

No resist against a sharp spear

- Spear type membrane facilitates measurement in semi-solid samples
- Hole junction and polymer electrolyte - Insensitive against pollution and easy to clean
- Built-in temperature provides for accurate readings

SenTix® HW-T 900

Extraordinary samples require outstanding pH electrodes

- Adjustable split ring junction enables measurement in most difficult samples
- Large electrolyte reservoir for reduced maintenance
- Built-in temperature supports accurate readings

**For all digital multi-parameter instruments MultiLine® IDS, inoLab® Multi IDS and pH 3310 IDS.*

Technical Data

Modell	SenTix® 945	SenTix® Micro 900	SenTix® Sp-T 900	SenTix® HW-T 900
Order number	103743	103751	103752	103753
Measuring range	pH: 0.000 ... 14.000 ± 0.002		pH: 2.000 ... 13.000 ± 0.002	pH: 0.000 ... 14.000 ± 0.002
Temperature range	0 ... 80 °C	0 ... 100 °C	0 ... 80 °C	0 ... 60 °C
Reference electrolyte	Gel	KCl 3 mol/l	Polymer	KCl 3 mol/l
Membrane shape	Spherical	Cylindrical	Spear type	Cylindrical
Diaphragm	3 x Ceramic	Platinum wire	Hole	Split ring
Shaft material	Glass		Plastic	Glass
Shaft length	120 mm	70/130 mm	65/25 mm	170 mm
Shaft diameter	12 mm	12/5 mm	15/5 mm	12 mm
Temperature sensor	NTC 30 kOhm			
Connection cable	1.5 m with digital plug			
Stored calibration records	10			
	Accuracy refers to integrated electronics			

Xylem | 'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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