

pH electrodes

IDS electrodes - digital

Digital measurement of pH with integrated electrode quality monitoring - can be used in all areas of laboratory and field measurement also for special applications. Also as fixed cable variants and wireless ready.

see "IDS pH electrodes" on page 28



from left to right: the digital IDS sensors (1) SenTix® 940, (2) SenTix® 945, (3) SenTix® 950, (4) SenTix® 980; the IDS special electrodes (5) SenTix® HW-T 900, (6) SenTix® Sp-T 900, (7) SenTix® Micro 900; the wireless ready IDS plug head electrodes (8) SenTix® 940-P, (9) SenTix® 945-P, (10) SenTix® 950-P, (11) SenTix® Sp-T 900-P, (12) SenTix® 980-P, (13) SenTix® HW-T 900-P, (14) SenTix® Micro 900-P and (15) SensoLyt® 900-P

Applications for SenTix® electrodes

Our pH electrodes are optimised for measurement in aqueous systems. In addition, there is the possibility to also measure samples of a different consistence. The following table provides information about other application fields and electrodes suitable therefor.

● recommended by WTW
○ can be used for this application
* only recommended for the mentioned model

	SenTix® ...											
	20 21-..., 22	41, 41-3, 42, RJD, 940, 940-P	51, 52, 950, 950-P	60, 61 62	81, 82, 980, 980-P, 945, 945-P	91	H	HW, HWD, HW-T 900, HW-T 900-P	Sp, Sp-DIN, Sp-T 900, Sp-T 900-P	Sur	Mic, MIC-D, MIC-B, Micro 900, Micro 900-P	ORP**, ORPT 900**, ORPT 900-P**, PtR, Ag, Au
Aquarium water	●	●	●	○	○	○						ORP...*, PtR*
Beer			●	●	●			●				ORP...*
Beverages				●	●	●		○				
Bleaching lye			○	○	○	○	●	○				
Boiler feed water				○	○	○		●				
Bread									●			
Cheese (punch possibly necessary)									●			
Coffee extract			○	●	●	●		●				
Condensate								●				
Cosmetics								●	●	●		
Diluted acids				●	●	●		○				Au, ORP...*
Diluted alkalis							●					
Dispersion colors		RJD*						●				
Distilled water								●				
Drinking water	○	○	●	●	●	●		○				
Electroplating waster water	●	●	○	○	○	○		○				○
Fruit									●			
Fruit juice			●	●	●	●		○				
Fruit juice			●	●	●	●		○				
Fully demineralised water								●				
Galvanic baths		RJD*	●	●	●	●		○				● PtR*
Groundwater	●	●	○	○	○							PtR*
H ₂ S-containing liquids		RJD*						●				PtR*
Household cleaners	○	○	○	●	●	●	●	○				
Leather										●		
Lemonade			●	●	●	●		○				
Measurement in Eppendorf or NMR vessels											●	
Meat (punch possibly necessary)									●			
Milk				●	●	●		●				
Mineral water	○	○	●	●	●	●		○				
Oil/water emulsions		RJD*						●				
Paints and coatings, water soluble		RJD*						●				
Paper										●		
Paper extract				●	●	●						
Protein-containing liquids				●	●	●		●			MIC-D/-B* Micro 900*	
Rain water				○	○	○		●				
saline solutions	○	○	○	●	●	●	○	●				ORP...*
saliva										●	○	
Sausage (punch possibly necessary)									●			
Seawater				○	○	○	○	●				
Shampoo								●				
Skin										●		
Soil extract				●	●	●		●				
Solids (insertion)									●			
Solids (surface)										●		
Surface water	●	●	●	●	●	●		○				
Suspensions		RJD*						●				ORP...*
Swimming pool water	●	●	●	○	○	○						
Tris buffer solutions				●	●	●		●				
Vegetable juice			○	●	●	●		○				
Vegetables									●			
Waste water	●	●	○	○	○	○						PtR*
Wine			○	●	●	●		●				
Yoghurt				●	●	●		●	●			

1 year warranty for material damages for all pH sensors as per § 10 Terms and Conditions
** for ORP measurement