

Order information: Analogue SenTix® pH electrodes

Model	Description	Order no.
pH electrodes with gel electrolyte		
SenTix® 20	Gel electrode, S7 plug head	103630
SenTix® 21	Gel electrode, DIN cable	103631
SenTix® 21-3	Gel electrode, DIN cable, 3 m	103632
SenTix® 22	Gel electrode, BNC cable	103633
SenTix® 41	Gel electrode with temperature sensor, DIN cable	103635
SenTix® 41-3	Gel electrode with temperature sensor, DIN cable, 3 m	103636
SenTix® 42	Gel electrode with temperature sensor, BNC cable	103637
pH electrodes with liquid electrolyte		
SenTix® 60	Precision electrode, S7 plug head	103639
SenTix® 61	Precision electrode, DIN cable	103640
SenTix® 62	Precision electrode, BNC cable	103641
SenTix® 81	Precision electrode with temperature sensor, DIN cable	103642
SenTix® 82	Precision electrode with temperature sensor, BNC cable	103643
SenTix® 51	Plastic shaft, temperature sensor, DIN cable	103651
SenTix® 52	Plastic shaft, temperature sensor, BNC cable	103652
SenTix® 91	Precision electrode 170 mm, with temperature sensor, DIN cable	103695
pH electrodes for special applications		
SenTix® H	pH electrode for highly alkaline solutions, S7 plug head	103644
SenTix® Sp	pH spear-type electrode, S7 plug head	103645
SenTix® Sur	pH surface electrode, S7 plug head	103646
SenTix® Mic	pH-micro electrode, 5 mm membrane	103647
SenTix® HW	pH electrode for low-conducting samples, S7 plug head	103650
SenTix® Mic-D	pH micro electrode, 3 mm membrane, DIN cable	103660
SenTix® Mic-B	pH micro electrode, 3 mm membrane, BNC cable	103661
SenTix® Sp-DIN	pH spear-type electrode, DIN cable	103730
SenTix® HWD	pH electrode for emulsions etc. with temperature sensor, DIN cable	103731
SenTix® RJD	pH electrode low maintenance, polymer electrolyte, temperature sensor, DIN cable	103732

Accessories & cables see price list or www.WTW.com

Calibration and maintenance accessories

In practice, work reference buffer solutions are used, which are obtained by comparison with primary or secondary material. Common WTW-pH buffers correspond to these requirements. Certificates document the respective pH value uncertainty of the solution.

Buffer bottles by WTW

- **Standard (DIN/NIST) buffer solutions PL 2/4/7/9/12**
(250 ml container)
- Technical buffer solutions **TEP** (1 litre), **TPL** (250 ml):
pH buffer by WTW - precise and traceable to PTB/NIST in two container sizes with built-in dosing vessel standard buffer



- **Easy to dose**
- **Easy to use**
- **Safe calibration**

Usable Buffers

		PL 4/7/9 DIN/NIST	STAPL 4/7/9 DIN/NIST	TEP 4/7 Trace	TEP 10 Trace	TPL 4/7 Trace	TPL 10 Trace
Benchtop meters							
	inoLab®	●	●	●	●	●	●
Portable meters							
ProfiLine	pH 3110, pH 3210, pH 3310	●	●	●	●	●	●
	pH/Cond 3320, Multi 3320, pH/ION 3310	●*	●*	●	●	●	●
	pH 315i, pH 330i, pH 340i, pH/ION 340i	●	●	●	●	●	●
	pH/Cond 340i, pH/Oxi 340i, Multi 340i, Multi 350i,	●*	●*	●	●	●	●
MultiLine®	Multi 3410 IDS, Multi 3420 IDS, Multi 3430 IDS, Multi 3510 IDS, Multi 3620 IDS, Multi 3630 IDS	●*	●*	●	●	●	●
VARIO® pH		●	●	●	●	●	●
Field meters ProfiLine							
	pH 197i/1970i	●	●	●	●	●	●
	Multi 197i/1970i	●*	●*	●	●	●	●

* not Multi 340i, Multi 197i/1970i

Buffer solutions in glass ampoules

- **STAPL-4/7/9 precision DIN / NIST buffer in ampoules with +/- 0.01 pH accuracy**
- QSC (Quality Sensor Control): With the **QSC Kit** consisting of three precision DIN buffers (pH 4.01, pH 6.87 and pH 9.18 with an accuracy of respectively ±0.01 pH at 25°C) in glass ampoules, an initial calibration can be carried out with IDS pH electrodes. Ideal for quality control: All following calibrations are compared with this calibration and thereby exactly deliver the current state of the sensor.



- **Single use portions**
- **Steam sterilised and 5 year shelf life**
- **Precision buffer with an accuracy of ±0.01 pH**

Model	Description	Order no.
TEP 4	Technical buffer solution, 1 bottle with 1 l: pH 4.01	108700
TEP 7	Technical buffer solution, 1 bottle with 1 l: pH 7.00	108702
TEP 10 Trace	Technical buffer solution, 1 bottle with 1 l: pH 10.01	108703
TPL 4	Technical buffer solution, 1 bottle with 250 ml: pH 4.01	108800
TPL 7	Technical buffer solution, 1 bottle with 250 ml: pH 7.00	108802
TPL 10 Trace	Technical buffer solution, 1 bottle with 250 ml: pH 10.01	108805
STAPL-4/7/9	Assortment of working reference buffer solutions pH 4.01, pH 6.87, pH 9.18. Traceable to NIST / PTB standards. Steam sterilized, 10 x 6 glass ampoules of 20 ml each.	109020
PL 4	Standard (DIN/NIST) buffer solution, 1 bottle with 250 ml: pH 4.006 /4.01	109110
PL 7	Standard (DIN/NIST) buffer solution, 1 bottle with 250 ml: pH 6.865 /6.87	109120
PL 9	Standard (DIN/NIST) buffer solution, 1 bottle with 250 ml: pH 9.180 /9.18	109130
KCl-250	Reference electrolyte, 1 bottle with 250 ml KCl solution 3 mol/l	109705

Further accessories see price list or www.WTW.com