Analysis - pH/Redox

pH/Redox calibration solutions

cleaning and maintenance

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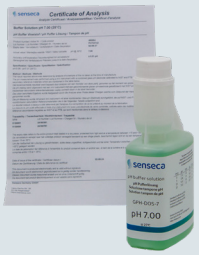
GPH BUFFER SOLUTIONS

Good pH buffer solutions are, in addition to a suitable pH electrode, the basis for an exact pH measurement. With their buffering capacity, the pH reference value remains stable even if smaller amounts of fluid penetrate into the buffer. The technical buffer solutions GPH pH value of 4, 7 and 10 guarantee maximum measurement accuracy, traceability for NIST.



GPH-DOS - READY-TO-USE PH BUFFER SOLUTIONS IN A BOTTLE

The practical dosing bottles have a ‘measuring chamber’ that is filled by squeezing the bottle. After calibration, the contents of the measuring chamber can be discarded to prevent contaminating the remaining contents of the bottle.

GPH-BAG - READY-TO-USE PH BUFFER SOLUTIONS IN A BAG

Technical pH buffer in a practical disposable bag. Ready for immediate use on site, without mixing. The compact form is easy to transport “in the field”. Falsifcation of the buffer is prevented by the disposable concept.

GPH-TAB - BUFFER CAPSULES

Cost-effective alternative: Buffer capsules and working sets

With our buffer capsules, you can produce a 100 ml buffer solution in the most cost-effective manner. A particular advantage of the capsules is that their storage life is several years longer than that of ready-to-use solutions.
The capsules are offered in a practical working set.
The most cost-effective entry with everything you need for a successful start in pH measurement, including cleaning solution and KCL100 storage/replacement electrolyte.

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DEONISED WATER - SDW500

Purchase a 0.5 l deionised water bottle.
Why? Because the 500 ml bottle is incredibly practical for field use. Compact and convenient - simply flush with water and refill.

REDOX CONTROL SOLUTION - GRP

Redox measurement is not really an 'absolute measurement' in comparison with pH or conductivity measurement. If the measurement changes over time, a reliable reference solution is indispensable for checking the function of the electrode.
Redox testing solution (220mV at 25°C), 100 ml

CLEANING SOLUTIONS - STORAGE AND MAINTENANCE

GRL100 cleaning solution

The combination of hydrochloric acid and pepsin protein solvent is the perfect universal cleaner for nearly all applications.

KCL100 storage solution

3 mol KCL, also for filling of liquid electrolyte pH electrodes

Ordering Codes

pH buffer solution, ready-to-use	
GPH-DOS-4 *Art.No. 485556*	pH 4 in 250 ml dosing bottle
GPH-DOS-7 *Art.No. 485559*	pH 7 in 250 ml dosing bottle
GPH-DOS-10 *Art.No. 485557*	pH 10 in 250 ml dosing bottle
pH buffer solution in sachet	
GPH-BAG-4-20 *Art.No. 488912*	pH 4, buffer solution in 25 ml sachet, 20 sachets per carton
GPH-BAG-7-20 *Art.No. 488913*	pH 7, buffer solution in 25 ml sachet, 20 sachets per carton
GPH-BAG-10-20 *Art.No. 488914*	pH 10, buffer solution in 25 ml sachet, 20 sachets per carton
pH buffer capsules	
GPH-TAB-4-10 *Art.No. 602615*	GPH 4, amount: 10 capsules
GPH-TAB-4-5 *Art.No. 602614*	GPH 4, amount: 5 capsules
GPH-TAB-7-10 *Art.No. 602617*	GPH 7, amount: 10 capsules
GPH-TAB-7-5 *Art.No. 602616*	GPH 7, amount: 5 capsules
GPH-TAB-10-10 *Art.No. 602619*	GPH 10, amount: 10 capsules
GPH-TAB-10-5 *Art.No. 602618*	GPH 10, amount: 5 capsules
GPH-TAB-12-10 *Art.No. 602621*	GPH 12, amount: 10 capsules
GPH-TAB-12-5 *Art.No. 602620*	GPH 12, amount: 5 capsules
Plastic bottle with wide neck	
GPF100 *Art.No. 601416*	100 ml storage bottle for pH buffer capsules
Cleaning solution	
GRL100 *Art.No. 601422*	100 ml HCL/Pepsin solution
Storage solution and electrolyte refill	
KCL3M *Art.No. 602477*	3 ml KCL sterilised
Working and calibration set with buffer capsules	
GAK1400 *Art.No. 603523*	5x each of GPH 4, GPH 7, GPH 10 3x GPF100, 1 x KCL 3M 1x GRL100
Redox control solution	
GRP100 *Art.No. 601424*	100 ml bottle
Deionised water	
SDW500 *Art.No. 606171*	in 500 ml refill dosing bottle

Senseca Germany GmbH
Hans Sachs Str. 26 | 93128 Regenstauf | Germany
www.senseca.com - info@senseca.com