

# pH-Fix Test Strips

pH Indicator Test Strips

## Fast, Accurate, Reliable

Redesigned and  
convenient package



### pH-Fix: rapid and reliable pH testing

- Always ready for use
- Patented technology
- Exact results

**New:** pH-Fix 0-14 PT snap cap tubes

MACHEREY-NAGEL



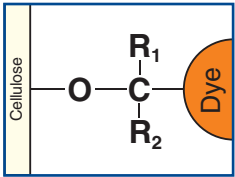
### ► Unmatched reliability

#### pH-Fix color fixed test strips



##### Always ready for use

pH-Fix test strips are used for rapid pH testing directly at the point of interest. They are always ready for immediate use. Coming with a complete color chart they are readily calibrated. As single use devices they are completely maintenance free. For careful testing of dangerous, poisonous or aggressive liquids the strips have the optimal design. The **longest available handle** effectively protects the user from contact with the sample. This **increases the safety of operation** and adds handling ease.



##### Patented technology for optimal sample protection

In the production the indicator reacts with the paper of the test pad to form a chemical bond. The **dye is fixed** to the test strip and can not bleed into the sample. This **protects the sample** against contamination and enables measurements in weakly buffered or strongly alkaline solutions.



##### Brilliant colours for exact results

pH-Fix test strips feature up to four different indicator pads to cover the complete pH-range. The **color chart exactly matches** both color and position of **the pads** on the strips. This enables highly precise pH-determination and makes the application rapid and reliable.



### ► Well-established boxes

#### pH-Fix – classic flat design



##### Convenient flat boxes

Users worldwide appreciate the quality of pH-Fix. Its classic design requires small space and **fits into** the breast pocket of **every lab coat**.



##### Established clear plastic

The classic pH-Fix box is made from a special high transparency plastic. This ensures optimal **protection of the color chart** and a reliable readout.



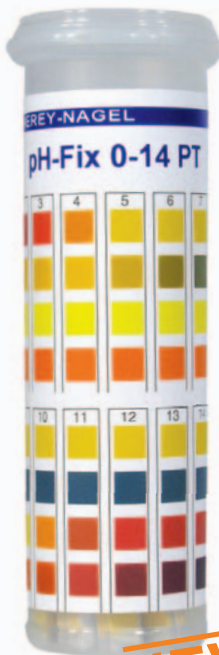
##### Large variety of ranges

A large variety of different pH-Fix references is available in the classic flat boxes. 13 different pH ranges and an accuracy down to 0.2 pH units ensure optimal usability **for every application**.



## ► Redesigned – Experience the ease of use

### pH-Fix 0-14 PT – snap cap tubes



**NEW!**

#### Improved: Simple one-hand operation

The snap cap of the tube can be **opened and closed** just with **the thumb** of the holding hand. This makes working with pH-Fix 0-14 PT comfortable and relaxing.



#### Improved: Relaxing easy-close principle

Due to the **long tube** design the strips do not stick out. This effectively **prevents blockades of the cap** due to jammed strips. The tube can easily be closed with a push of the thumb. This makes pH-testing convenient and relaxing.



#### Improved: Maximum safety concept

Geometry and material of the tube have been specially selected for maximal stability. The tube is **virtually unbreakable**. It stands firmly on its circular bottom, even when it is slightly moved. Working with these new tubes is safe.



## ► Unique approval for medical applications

### pH-Fix 3.6-6.1 / pH-Fix 4.5-10



#### Easy determination of body acidity

The urine pH-value generally reflects the personal diet but can also be influenced by a large variety of drugs available from different manufacturers. pH-Fix 4.5-10 is used to control the pH-value of the urine. It is suitable for patient self testing.

#### pH-control during pregnancy

A change in the vaginal pH-value is an indicator for a bacterial infection. During pregnancy, such an infection may untreated lead to premature birth. Using pH-Fix 3.6-6.1 is a safe and easy way to monitor the vaginal pH-value in premature birth prevention programs.

#### Quick-check for dialyzer reuse

Acid containing reagents are used for the disinfection of dialyzers. pH-Fix 3,6-6,1 is an easy and reliable tool to ensure, that the cleaning agent is completely rinsed out prior to the next use.

#### pH-Fix with CE-mark

pH-Fix 3.6-6.1 and 4.5-10 are tested and approved for medical applications. The production is certified according to ISO 13485 and **the products carry a CE-mark** for in-vitro-diagnostic use (98/79/EG). They meet the special demands of health care professionals and ensure safe results for medical pH testing. pH-Fix 4.5-10 is also suitable for patient self testing and is approved and controlled by a notified body.

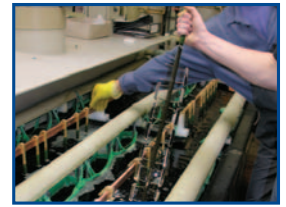
#### ISO 13485 certified

As a medical device manufacturer, MACHEREY-NAGEL is certified according to the medical device directive **ISO 13485**. We are among the few manufacturers that can offer pH-tests with CE-mark for professional use as well as for patient self testing. pH-Fix test strips with CE-mark can easily be added to existing QC-procedures.

## ► Inconceivable range of applications for pH-Fix and pH-Fix PT test sticks

pH-Fix test sticks are appreciated by users worldwide. They are the economic and easy standard for applications (for example)

- Aquaculture
- Agriculture
- Chemical laboratories
- Industry
- Dairies
- Production
- Physician offices
- Hospitals
- Schools
- Universities
- Metal workshops
- Fire brigades
- Police
- Authorities
- Food processing industry
- Surface treatment
- and many more



## ► Comprehensive product range pH-Fix – classic flat boxes

Range	pH gradation	REF
pH 0 – 14	0 – 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 – 11 – 12 – 13 – 14	921 10
pH 0.0 – 6.0	0 – 0.5 – 1.0 – 1.5 – 2.0 – 2.5 – 3.0 – 3.5 – 4.0 – 4.5 – 5.0 – 5.5 – 6.0	921 15
pH 2.0 – 9.0	2.0 – 2.5 – 3.0 – 3.5 – 4.0 – 4.5 – 5.0 – 5.5 – 6.0 – 6.5 – 7.0 – 7.5 – 8.0 – 8.5 – 9.0	921 18
pH 4.5 – 10.0 €	4.5 – 5.0 – 5.5 – 6.0 – 6.5 – 7.0 – 7.5 – 8.0 – 8.5 – 9.0 – 9.5 – 10.0	921 20
pH 6.0 – 10.0	6.0 – 6.4 – 6.7 – 7.0 – 7.3 – 7.6 – 7.9 – 8.2 – 8.4 – 8.6 – 8.8 – 9.1 – 9.5 – 10.0	921 22
pH 7.0 – 14.0	7.0 – 7.5 – 8.0 – 8.5 – 9.0 – 9.5 – 10.0 – 10.5 – 11.0 – 11.5 – 12.0 – 12.5 – 13.0 – 13.5 – 14.0	921 25
pH 0.3 – 2.3	0.3 – 0.7 – 1.0 – 1.3 – 1.6 – 1.9 – 2.3	921 80
pH 1.7 – 3.8	1.7 – 2.0 – 2.3 – 2.6 – 2.9 – 3.2 – 3.5 – 3.8	921 90
pH 3.6 – 6.1 €	3.6 – 4.1 – 4.4 – 4.7 – 5.0 – 5.3 – 5.6 – 6.1	921 30
pH 5.1 – 7.2	5.1 – 5.4 – 5.7 – 6.0 – 6.3 – 6.6 – 6.9 – 7.2	921 40
pH 6.0 – 7.7	6.0 – 6.4 – 6.7 – 7.0 – 7.3 – 7.7	921 50
pH 7.5 – 9.5	7.5 – 7.9 – 8.2 – 8.4 – 8.6 – 8.8 – 9.1 – 9.5	921 60
pH 7.9 – 9.8	7.9 – 8.3 – 8.6 – 8.9 – 9.1 – 9.4 – 9.8	921 70

## New: pH-Fix – snap cap tubes

Range	pH gradation	REF
pH 0 – 14	0 – 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10 – 11 – 12 – 13 – 14	921 11



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## pH indicator papers

### pH-Fix

pH-Fix test strips are the highly appreciate standard in many laboratories. The easy Dip & Read procedure provides reliable results in seconds. Due to the patented pH-Fix technology the indicator is chemically bound to the test pad. The dye does not wash out so clothes stay clean and samples remain pure.

#### Ordering information

Range	Gradation	REF
<b>Classic flat box</b>		
pH 0–14	0 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14	921 10
pH 0.0–6.0	0 · 0.5 · 1.0 · 1.5 · 2.0 · 2.5 · 3.0 · 3.5 · 4.0 · 4.5 · 5.0 · 5.5 · 6.0	921 15
pH 2.0–9.0 c€ <sup>2)</sup>	2.0 · 2.5 · 3.0 · 3.5 · 4.0 · 4.5 · 5.0 · 5.5 · 6.0 · 6.5 · 7.0 · 7.5 · 8.0 · 8.5 · 9.0	921 18
pH 4.5–10.0 c€ <sup>1)</sup>	4.5 · 5.0 · 5.5 · 6.0 · 6.5 · 7.0 · 7.5 · 8.0 · 8.5 · 9.0 · 9.5 · 10.0	921 20
pH 6.0–10.0	6.0 · 6.4 · 6.7 · 7.0 · 7.3 · 7.6 · 7.9 · 8.2 · 8.4 · 8.6 · 8.8 · 9.1 · 9.5 · 10.0	921 22
pH 7.0–14.0	7.0 · 7.5 · 8.0 · 8.5 · 9.0 · 9.5 · 10.0 · 10.5 · 11.0 · 11.5 · 12.0 · 12.5 · 13.0 · 13.5 · 14.0	921 25
pH 0.3–2.3	0.3 · 0.7 · 1.0 · 1.3 · 1.6 · 1.9 · 2.3	921 80
pH 1.7–3.8	1.7 · 2.0 · 2.3 · 2.6 · 2.9 · 3.2 · 3.5 · 3.8	921 90
pH 3.1–8.3 c€ <sup>3)</sup>	3.1 · 3.5 · 3.9 · 4.3 · 4.7 · 5.1 · 5.5 · 5.9 · 6.3 · 6.7 · 7.1 · 7.5 · 7.9 · 8.3	921 35
pH 3.6–6.1 c€ <sup>4)5)</sup>	3.6 · 4.1 · 4.4 · 4.7 · 5.0 · 5.3 · 5.6 · 6.1	921 30
pH 5.1–7.2	5.1 · 5.4 · 5.7 · 6.0 · 6.3 · 6.6 · 6.9 · 7.2	921 40
pH 6.0–7.7	6.0 · 6.4 · 6.7 · 7.0 · 7.3 · 7.7	921 50
pH 7.5–9.5	7.5 · 7.9 · 8.2 · 8.4 · 8.6 · 8.8 · 9.1 · 9.5	921 60
pH 7.9–9.8	7.9 · 8.3 · 8.6 · 8.9 · 9.1 · 9.4 · 9.8	921 70
<b>PlopTop tube</b>		
pH 0–14 PT	0 · 1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14	921 11
pH 4.5–10.0 PT c€ <sup>2)</sup>	4.5 · 5.0 · 5.5 · 6.0 · 6.5 · 7.0 · 7.5 · 8.0 · 8.5 · 9.0 · 9.5 · 10.0	921 21
pH 3.6–6.1 PT c€ <sup>4)5)</sup>	3.6 · 4.1 · 4.4 · 4.7 · 5.0 · 5.3 · 5.6 · 6.1	921 31

Presentation: packs of 100 strips 6 x 85 mm

c€: CE marked for the pH determination in

1) Urine 2) Gastric juice 3) Saliva 4) Vaginal secret according to the IVD directive 98/79/EG

5) Detection of disinfectant residues after rinsing of dialysis equipment according to the directive for medical products 93/42/EWG



### PEHANON®

PEHANON® is a special pH test strip that unifies the pH-indicator and the reference colors on one strip. It provides accurate results also for colored solutions.

#### Ordering information

Range	Gradation	REF
pH 1–12	1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12	904 01
pH 0–1.8	0 · 0.3 · 0.6 · 0.8 · 1.0 · 1.2 · 1.5 · 1.8	904 11
pH 1.0–2.8	1.0 · 1.3 · 1.6 · 1.8 · 2.0 · 2.2 · 2.5 · 2.8	904 12
pH 1.8–3.8	1.8 · 2.1 · 2.4 · 2.7 · 3.0 · 3.2 · 3.5 · 3.8	904 13
pH 2.8–4.6	2.8 · 3.1 · 3.4 · 3.6 · 3.8 · 4.0 · 4.3 · 4.6	904 14
pH 3.8–5.5	3.8 · 4.0 · 4.2 · 4.4 · 4.6 · 4.9 · 5.2 · 5.5	904 15
pH 4.0–9.0	4.0 · 4.5 · 5.0 · 5.5 · 6.0 · 6.5 · 7.0 · 7.5 · 8.0 · 8.5 · 9.0	904 24
pH 5.2–6.8	5.2 · 5.5 · 5.7 · 5.9 · 6.1 · 6.3 · 6.5 · 6.8	904 16
pH 6.0–8.1	6.0 · 6.3 · 6.6 · 6.9 · 7.2 · 7.5 · 7.8 · 8.1	904 17
pH 7.2–8.8	7.2 · 7.4 · 7.6 · 7.8 · 8.0 · 8.2 · 8.5 · 8.8	904 19
pH 8.0–9.7	8.0 · 8.2 · 8.4 · 8.6 · 8.8 · 9.1 · 9.4 · 9.7	904 20
pH 9.5–12.0	9.5 · 10.0 · 10.5 · 11.0 · 11.5 · 12.0	904 21
pH 10.5–13.0	10.5 · 11.0 · 11.5 · 12.0 · 12.5 · 13.0	904 22
pH 12.0–14.0	12.0 · 12.5 · 13.0 · 13.5 · 14.0	904 23

Presentation: packs of 200 strips 11 x 100 mm



## Universal and special indicator papers

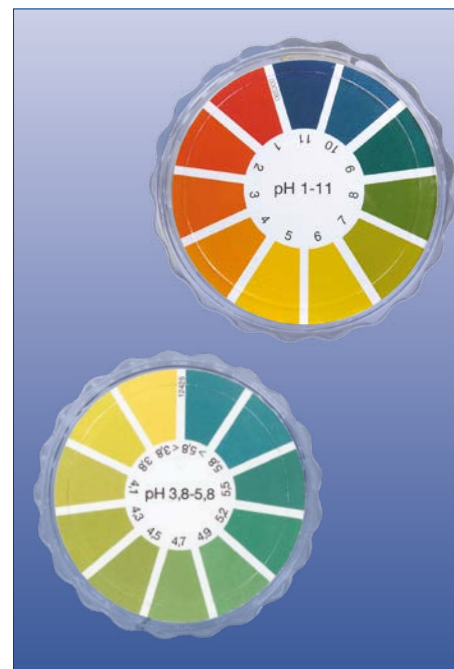
pH indicator papers have been on the market for decades and are the appreciated standard for many applications. For each pH value these papers show a single color which can be matched with the color scale at intervals of 0.2–1 pH unit.

### Ordering information

Range	Gradation	REF
<b>Universal indicator paper</b>		
pH 1–11	1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11	902 01
pH 1–14	1 · 2 · 3 · 5 · 6 · 7 · 8 · 9 · 10 · 12 · 14	902 04
<b>Special indicator papers</b>		
pH 0.5–5.5	0.5 · 1.0 · 1.5 · 2.0 · 2.5 · 3.0 · 3.5 · 4.0 · 4.5 · 5.0 · 5.5	902 05
pH 3.8–5.8	<3.8 · 3.8 · 4.1 · 4.3 · 4.5 · 4.7 · 4.9 · 5.2 · 5.5 · 5.8 · >5.8	902 06
pH 4.0–7.0	4.0 · 4.3 · 4.6 · 4.9 · 5.2 · 5.5 · 5.8 · 6.1 · 6.4 · 6.7 · 7.0	902 07
pH 5.4–7.0	<5.4 · 5.4 · 5.7 · 6.0 · 6.2 · 6.4 · 6.7 · 7.0 · >7.0	902 08
pH 5.5–9.0	5.5 · 6.0 · 6.5 · 7.0 · 7.5 · 8.0 · 8.5 · 9.0	902 09
pH 6.4–8.0	<6.4 · 6.4 · 6.6 · 6.8 · 7.0 · 7.2 · 7.4 · 7.6 · 7.8 · 8.0 · >8.0	902 10
pH 7.2–9.7	<7.2 · 7.2 · 7.5 · 7.8 · 8.1 · 8.4 · 8.7 · 9.0 · 9.3 · 9.7 · >9.7	902 11
pH 8.0–10.0	8.0 · 8.2 · 8.4 · 8.7 · 9.0 · 9.2 · 9.6 · 10.0	902 12
pH 9.0–13.0	9.0 · 9.5 · 10.0 · 10.5 · 11.0 · 11.5 · 12.0 · 12.5 · 13.0	902 13
pH 12.0–14.0	12.0 · 12.5 · 13.0 · 13.5 · 14.0	902 14

Presentation: reels of 5 m x 7 mm

refill packs and booklets available on request



## Duotest and Tritest

Duotest indicator papers feature two indicator zones separated by a hydrophobic barrier. This facilitates clear assignment of the pH and allows estimation of intermediate values. Tritest indicator papers feature three different indicator zone for a precise assignment of pH values.

### Ordering information

Range	Gradation	REF
<b>Duotest</b>		
pH 1–12	1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12	903 01
pH 1.0–4.3	1.0 · 1.3 · 1.6 · 1.9 · 2.2 · 2.5 · 2.8 · 3.1 · 3.4 · 3.7 · 4.0 · 4.3	903 02
pH 3.5–6.8	3.5 · 3.8 · 4.1 · 4.4 · 4.7 · 5.0 · 5.3 · 5.6 · 5.9 · 6.2 · 6.5 · 6.8	903 03
pH 5.0–8.0	5.0 · 5.3 · 5.6 · 5.9 · 6.2 · 6.5 · 6.8 · 7.1 · 7.4 · 7.7 · 8.0	903 04
pH 7.0–10.0	7.0 · 7.3 · 7.6 · 7.9 · 8.2 · 8.5 · 8.8 · 9.1 · 9.4 · 9.7 · 10.0	903 05
pH 9.5–14.0	9.5 · 10.0 · 10.5 · 11.0 · 11.5 · 12.0 · 12.5 · 13.0 · 13.5 · 14.0	903 06
<b>Tritest</b>		
pH 1–11	1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11	905 01
<b>Tritest L</b>		
pH 1–11	1 · 2 · 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11	905 10

Duotest and Tritest: reels of 5 m x 10 mm

refill packs available on request

Tritest L: reels of 6 m x 14 mm



## Test papers for qualitative analysis

Test papers allow the qualitative determination of ions and chemical compounds. They are used to detect if compounds tested for are present above the specific detection limit. Some of the papers have specific applications.

### Ordering information

Determination of	Test paper / Test strips	Presentation	REF
Alkaline phosphatase in milk	Phosphatesmo MI	50 test strips 10 x 95 mm	906 12
Aluminium ions (Al <sup>3+</sup> )	Aluminium test paper	100 strips 20 x 70 mm	907 21
Ammonia, ammonium ions (NH <sub>3</sub> , NH <sub>4</sub> <sup>+</sup> )	Ammonium test paper*	200 strips 20 x 70 mm	907 22
Antimony ions (Sb <sup>3+</sup> )	Antimony test paper	200 strips 20 x 70 mm	907 23
Arsenic, arsine (As, AsH <sub>3</sub> )	Arsenic test paper* = Mercury bromide paper	200 strips 20 x 70 mm	907 62
Bismuth ions (Bi <sup>3+</sup> )	Bismuth test paper	200 strips 20 x 70 mm	907 33
Blood traces (Peroxidase)	Peroxtesmo KM	25 sheets 15 x 30 mm	906 05
Boric acid, borates (H <sub>3</sub> BO <sub>3</sub> , BO <sub>3</sub> <sup>3-</sup> )	Turmeric paper	200 strips 20 x 70 mm	907 47
Chlorine, free halogens	Chlortesmo	200 strips 20 x 70 mm	906 03
	Potassium iodide starch paper (see "Nitrite ions")		
Chromium, chromate (Cr(VI), CrO <sub>4</sub> <sup>2-</sup> )	Chromium test paper	200 strips 20 x 70 mm	907 24
Cobalt ions (Co <sup>2+</sup> )	Cobalt test paper	100 strips 20 x 70 mm	907 28
Copper, copper ions (Cu, Cu <sup>+</sup> , Cu <sup>2+</sup> )	Cuprotesmo	40 sheets 40 x 25 mm	906 01
Copper(II) ions (Cu <sup>2+</sup> )	Copper test paper	200 strips 20 x 70 mm	907 29
Cyanides, hydrocyanic acid (CN <sup>-</sup> , HCN)	Cyantesmo*	reel of 5 m length	906 04
Fluorides, hydrogen fluorides (F <sup>-</sup> , H <sub>2</sub> F <sub>2</sub> )	Fluoride test paper	200 strips 20 x 70 mm	907 50
Halogens, especially free chlorine	Chlortesmo	200 strips 20 x 70 mm	906 03
Hydrogen sulfide (H <sub>2</sub> S), sulfide ions (S <sup>2-</sup> )	Lead acetate paper*	reel of 5 m length refill pack of 3 rolls booklet with 100 strips 10 x 75 mm	907 44 907 45 907 46
	Sulfide test paper	reel of 5 m length	907 61
Iron(II) ions (Fe <sup>2+</sup> )	Dipyridyl paper	200 strips 20 x 70 mm	907 25
Iron ions (Fe <sup>2+</sup> , Fe <sup>3+</sup> )	Iron test paper	100 strips 20 x 70 mm	907 26
Lactoperoxidase in milk	Peroxtesmo MI	100 strips 15 x 15 mm	906 27
Lead, lead ions (Pb, Pb <sup>2+</sup> )	Plumbtesmo	40 sheets 40 x 25 mm	906 02
Mastitis	Udder test paper	PE bag with 20 sheets	907 48
Nickel(II) ions (Ni <sup>2+</sup> )	Nickel test paper	200 strips 20 x 70 mm	907 30
Nitrate and nitrite (NO <sub>3</sub> <sup>-</sup> , NO <sub>2</sub> <sup>-</sup> )	Nitratesmo	reel of 5 m length	906 11

\* This product contains harmful substances which must be specially labeled as hazardous. For detailed information please see MSDS.



Determination of	Test paper / Test strips	Presentation	REF
Nitrite ions (NO <sub>2</sub> <sup>-</sup> ), nitrous acid (HNO <sub>2</sub> ), ozone (O <sub>3</sub> )	Potassium iodide starch paper MN 816 N (normal sensitivity)	reel of 5 m length	907 54
		refill pack of 3 rolls	907 55
		booklet of 100 strips 10 x 75 mm	907 56
	Potassium iodide starch paper MN 616 T (for spot tests)	200 strips 20 x 70 mm	907 58
Oil in water and soil	Oil test paper	100 strips 20 x 70 mm	907 60
Peroxidase in foodstuffs	Peroxtesmo KO	100 sheets 15 x 15 mm	906 06
Peroxidase in milk	Peroxtesmo MI	100 sheets 15 x 15 mm	906 27
Potassium ions (K <sup>+</sup> )	Potassium test paper	200 sheets 20 x 70 mm	907 27
Protein residues	INDIPRO*	60 test strips 10 x 95 mm and reagents	907 65
Reducing agents, SO <sub>2</sub> , sulfite ions	Potassium iodate starch paper	reel of 5 m length	907 53
Silver ions (Ag <sup>+</sup> )	Silver test paper	200 strips 20 x 70 mm	907 32
Sulfur dioxide (SO <sub>2</sub> ), sulfite ions	Sulfite test paper	100 strips 20 x 70 mm	907 63
Sperm, acid phosphatase	Phosphatesmo KM	25 sheets 15 x 30 mm	906 07
Vat dyes, end point of conversion	Indanthrene yellow paper	200 strips 20 x 70 mm	907 51
Water on the bottom of fuel tanks	AQUATEC test sticks	100 strips 10 x 200 mm	907 42
Water in org. solvents	Watesmo	reel of 5 m length	906 09
Water distribution in butter	Wator	50 sheets 78 x 40 mm	906 10
Zirconium ions (Zr <sup>4+</sup> )	Zirconium test paper	100 strips 20 x 70 mm	907 21

\* This product contains harmful substances which must be specially labeled as hazardous. For detailed information please see MSDS.



## QUANTOFIX® test strips for semi-quantitative determinations

QUANTOFIX® test strips can be used for a large variety of different substances. In most cases an easy Dip & Read procedure provides reliable results in 10–120 seconds. As labs in a pocket QUANTOFIX® test strips are easy to use for professional analysts as well as chemical laymen.



### Ordering information

Test	Gradation	REF
QUANTOFIX® Active oxygen	0 · 4 · 8 · 15 · 25 mg/L active oxygen (MPS)	913 49
QUANTOFIX® Aluminum* 1)	0 · 5 · 20 · 50 · 200 · 500 mg/L Al <sup>3+</sup>	913 07
QUANTOFIX® Ammonium* 1)	0 · 10 · 25 · 50 · 100 · 200 · 400 mg/L NH <sub>4</sub> <sup>+</sup>	913 15
QUANTOFIX® Arsenic 50* 1)	0 · 0.05 · 0.1 · 0.5 · 1.0 · 1.7 · 3.0 mg/L As <sup>3+/5+</sup>	913 32
QUANTOFIX® Arsenic 10* 1)	0 · 0.01 · 0.025 · 0.05 · 0.1 · 0.5 mg/L As <sup>3+/5+</sup>	913 34
QUANTOFIX® Arsenic Sensitive* 1)	0 · 0.005 · 0.01 · 0.025 · 0.05 · 0.1 · 0.25 · 0.5 mg/L As <sup>3+/5+</sup>	913 45
QUANTOFIX® Ascorbic acid	0 · 50 · 100 · 200 · 300 · 500 · 1000 · 2000 mg/L vitamin C	913 14
QUANTOFIX® Calcium 1)	0 · 10 · 25 · 50 · 100 mg/L Ca <sup>2+</sup>	913 24 2)
QUANTOFIX® Carbonate hardness	0 · 3.8 · 7.5 · 12.5 · 18.8 · 25.0 °e	913 23
QUANTOFIX® Chloride	0 · 500 · 1000 · 1500 · 2000 · ≥ 3000 mg/L Cl <sup>-</sup>	913 21
QUANTOFIX® Chlorine Sensitive C€	0 · 0.1 · 0.5 · 1 · 3 · 10 mg/L Cl <sub>2</sub>	913 39
QUANTOFIX® Chlorine* 1)	0 · 1 · 3 · 10 · 30 · 100 mg/L Cl <sub>2</sub>	913 17
QUANTOFIX® Chromate* 1)	0 · 3 · 10 · 30 · 100 mg/L CrO <sub>4</sub> <sup>2-</sup>	913 01
QUANTOFIX® Cobalt	0 · 10 · 25 · 50 · 100 · 250 · 500 · 1000 mg/L Co <sup>2+</sup>	913 03
QUANTOFIX® Copper	0 · 10 · 30 · 100 · 300 mg/L Cu <sup>+ / 2+</sup>	913 04
QUANTOFIX® Cyanide* 1)	0 · 1 · 3 · 10 · 30 mg/L CN <sup>-</sup>	913 18
QUANTOFIX® EDTA	0 · 100 · 200 · 300 · 400 mg/L EDTA	913 35
QUANTOFIX® Formaldehyde* 1)	0 · 10 · 20 · 40 · 60 · 100 · 200 mg/L HCHO	913 28
QUANTOFIX® Glucose	0 · 50 · 100 · 250 · 500 · 1000 · 2000 mg/L glucose	913 48
QUANTOFIX® Glutaraldehyde C€	0 · 0.5 · 1 · 1.5 · 2 · 2.5 % glutaraldehyde	913 43
QUANTOFIX® Total Iron 100	0 · 2 · 5 · 10 · 25 · 50 · 100 mg/L Fe <sup>2+/3+</sup>	913 44
QUANTOFIX® Total Iron 1000	0 · 5 · 20 · 50 · 100 · 250 · 500 · 1000 mg/L Fe <sup>2+/3+</sup>	913 30
QUANTOFIX® LubriCheck	0 · 15 · 50 · 75 · 130 · 200 mmol/L KOH	913 36
QUANTOFIX® Molybdenum* 1)	0 · 5 · 20 · 50 · 100 · 250 mg/L Mo <sup>6+</sup>	913 25
QUANTOFIX® Nickel	0 · 10 · 25 · 50 · 100 · 250 · 500 · 1000 mg/L Ni <sup>2+</sup>	913 05
QUANTOFIX® Nitrate 100	0 · 5 · 10 · 25 · 50 · 75 · 100 mg/L NO <sub>3</sub> <sup>-</sup>	913 51
	0 · 0.5 · 2 · 5 · 10 · 25 · 50 mg/L NO <sub>2</sub> <sup>-</sup>	
QUANTOFIX® Nitrate/Nitrite	0 · 10 · 25 · 50 · 100 · 250 · 500 mg/L NO <sub>3</sub> <sup>-</sup>	913 13
	0 · 1 · 5 · 10 · 20 · 40 · 80 mg/L NO <sub>2</sub> <sup>-</sup>	
QUANTOFIX® Nitrite	0 · 1 · 5 · 10 · 20 · 40 · 80 mg/L NO <sub>2</sub> <sup>-</sup>	913 11
QUANTOFIX® Nitrite 3000	0 · 0.1 · 0.3 · 0.6 · 1 · 2 · 3 g/L NO <sub>2</sub> <sup>-</sup>	913 22
QUANTOFIX® Nitrite/pH	0 · 1 · 5 · 10 · 20 · 40 · 80 mg/L NO <sub>2</sub> <sup>-</sup>	913 38
	pH 6.0 · 6.4 · 6.7 · 7.0 · 7.3 · 7.6 · 7.9 · 8.2 · 8.4 · 8.6 · 8.8 · 9.0 · 9.3 · 9.6	
QUANTOFIX® Peracetic acid 50 C€	0 · 5 · 10 · 20 · 30 · 50 mg/L peracetic acid	913 40
QUANTOFIX® Peracetic acid 500 C€	0 · 50 · 100 · 200 · 300 · 400 · 500 mg/L peracetic acid	913 41
QUANTOFIX® Peracetic acid 2000 C€	0 · 500 · 1000 · 1500 · 2000 mg/L peracetic acid	913 42
QUANTOFIX® Peroxide 25	0 · 0.5 · 2 · 5 · 10 · 25 mg/L H <sub>2</sub> O <sub>2</sub>	913 19
QUANTOFIX® Peroxide 100 C€	0 · 1 · 3 · 10 · 30 · 100 mg/L H <sub>2</sub> O <sub>2</sub>	913 12
QUANTOFIX® Peroxide 1000	0 · 50 · 150 · 300 · 500 · 800 · 1000 mg/L H <sub>2</sub> O <sub>2</sub>	913 33
QUANTOFIX® Phosphate* 1)	0 · 3 · 10 · 25 · 50 · 100 mg/L PO <sub>4</sub> <sup>3-</sup>	913 20
QUANTOFIX® Potassium 1)	0 · 200 · 400 · 700 · 1000 · 1500 mg/L K <sup>+</sup>	913 16
QUANTOFIX® QUAT	0 · 10 · 25 · 50 · 100 · 250 · 500 · 1000 mg/L benzalkonium-chloride	913 37
QUANTOFIX® Silver	0 · 1 · 2 · 3 · 5 · 7 · 10 g/L Ag <sup>+</sup>	913 50
QUANTOFIX® Sulfate	< 200 · > 400 · > 800 · > 1200 · > 1600 mg/L SO <sub>4</sub> <sup>2-</sup>	913 29
QUANTOFIX® Sulfite	0 · 10 · 25 · 50 · 100 · 250 · 500 · 1000 mg/L SO <sub>3</sub> <sup>2-</sup>	913 06

Test	Gradation	REF
QUANTOFIX® Tin	0 · 10 · 25 · 50 · 100 · 250 · 500 mg/L Sn <sup>2+</sup>	913 09
QUANTOFIX® Zinc <sup>1)</sup>	0 · 2 · 5 · 10 · 25 · 50 · 100 mg/L Zn <sup>2+</sup>	913 10
QUANTOFIX® for aquarium owners	total hardness 0 · 6.3 · 12.5 · 18.8 · 25.0 · 31.3 °e	913 26
	carbonate hardness 0 · 3.8 · 7.5 · 12.5 · 18.8 · 25.0 °e	913 27 <sup>3)</sup>
	pH 6.4 · 6.8 · 7.2 · 7.6 · 8.0 · 8.4	

\* This product contains harmful substances which must be specially labeled as hazardous. For detailed information please see MSDS.

Container with 100 test strips 6 x 95 mm

<sup>1)</sup> The tests are supplied complete with all reagents required for the determination <sup>2)</sup> Container with 60 test strips

<sup>3)</sup> Container with 25 test strips

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## Other test strips and papers for semi-quantitative determinations

### Ordering information

Determination of	Test paper / test strips	Gradation	Presentation	REF
Ammonia	Ammonia test	0 · 0.5 · 1 · 3 · 6 mg/L NH <sub>4</sub> <sup>+</sup>	25 test strips 7 x 60 mm	907 14
Chlorine	Chlorine test	0 · 10 · 50 · 100 · 200 mg/L Cl <sub>2</sub>	reel of 5 m x 10 mm	907 09
Fluoride ions	Fluoride test	0 · 2 · 5 · 10 · 20 · 50 · 100 mg/L F <sup>-</sup>	30 test disks + reagent	907 34
Halide ions	Saltesmo	0 · 0.25 · 0.5 · 1 · 2 · 3 · 4 · 5 g/L NaCl	30 test disks	906 08
Humidity in air (relative)	Moisture indicator*	20 · 30 · 40 · 50 · 60 · 70 · 80 %	12 adhesive labels 50 x 100 mm	908 01
	Moisture indicator*	8 %	1000 test papers 60 x 35 mm	908 901
	Moisture indicator without cobalt chloride	8 %	1000 test papers 60 x 35 mm	908 903
Ozone content in air	Ozone Test	< 90 · 90–150 · 150–210 · > 210 µg/m <sup>3</sup> O <sub>3</sub>	12 test strips 10 x 95 mm	907 36
QUATS	INDIQUAT	on request	reel of 5 m x 10 mm	909 000–909 002
Silver	Ag-Fix (test strips)	0 · 0.5 · 1 · 2 · 3 · 5 · 7 · 10 g/L Ag <sup>+</sup> pH 4 · 5 · 6 · 7 · 8	100 test strips 6 x 95 mm	907 41
Swimming pool parameters	Swimming Pool Test 5 in 1	total hardness: 0 · 100 · 250 · 500 · 1000 mg/L CaCO <sub>3</sub> free chlorine: 0 · 0.5 · 1 · 3 · 5 · 10 mg/L Cl <sub>2</sub> total chlorine: 0 · 1 · 3 · 5 · 10 mg/L Cl <sub>2</sub> alkalinity: 0 · 80 · 120 · 180 · 240 mg/L CaCO <sub>3</sub> pH: 6.4 · 6.8 · 7.2 · 7.6 · 8.4	50 test strips 6 x 95 mm	907 59
	Swimming Pool Test 3 in 1	free chlorine, alkalinity, pH as above	50 test strips 6 x 95 mm	907 52
	Cyanuric acid test	0 · 50 · 100 · 150 · 300 ppm C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>3</sub>	25 test strips 6 x 95 mm	907 10
Water hardness	AQUADUR®	< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO <sub>3</sub>	100 test strips 6 x 95 mm	912 01
		< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO <sub>3</sub>	100 test strips 6 x 95 mm	912 20
		< 54 · > 72 · > 151.2 · > 252 ppm CaCO <sub>3</sub>	100 test strips 6 x 95 mm	912 39
		< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO <sub>3</sub>	1000 individual sealed strips	912 23
		< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO <sub>3</sub>	1000 individual sealed strips	912 24
		< 54 · > 72 · > 151.2 · > 252 · > 378 ppm CaCO <sub>3</sub>	1000 individual sealed strips	912 40
		< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO <sub>3</sub>	5000 strips without color scale	912 21
		< 54 · > 72 · > 126 · > 252 · > 378 ppm CaCO <sub>3</sub>	5000 strips without color scale	912 22
		< 54 · > 90 · > 180 · > 270 · > 360 · > 450 ppm CaCO <sub>3</sub>	50 sets of 3 individual sealed strips	919 902
AQUADUR® Sensitive CE	0 · 5.4 · 10.8 · 19.8 ppm CaCO <sub>3</sub>	100 test strips 6 x 95 mm	912 10	

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