Rapid Tests

Rapid Tests



Dr. Sarah Geenen I sgeenen@mn-net.com I 08.01.2025

Agenda



Qualitative test papers



pH tests



QUANTOFIX® Rapid Tests



Other semiquantitative test strips



Qualitative test papers

Qualitative test papers

- Detection: „present“ or „not present“
- Extremely simple handling
- Fast and safe results



Qualitative test papers

Wator

- Color change light blue → dark blue
- Determination of butter quality according to DIN 10 311

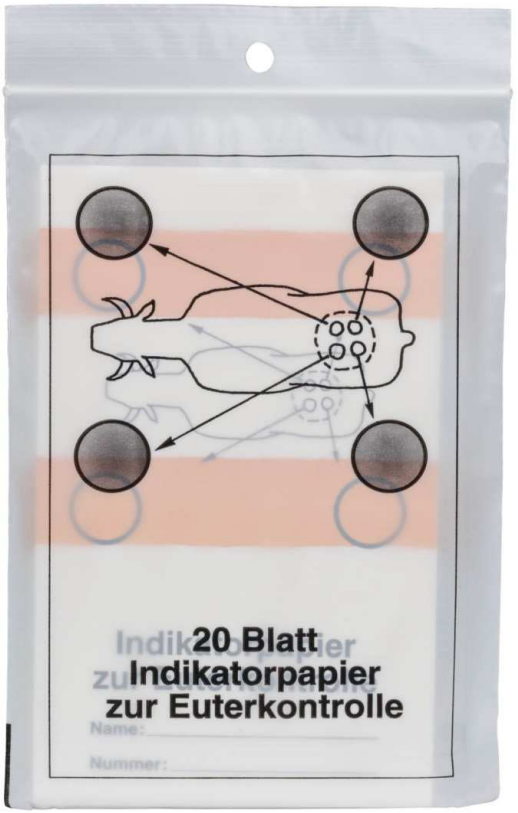




Qualitative test papers

Udder test paper

- Color change yellow → blue
- Easy detection of Mastitis





pH tests

pH tests

- Fast and safe pH determination
- For every user the right product











pH tests

pH-Fix – Our bestseller



Portfolio includes 17 different pH-Fix products

pH tests



What is the advantage of pH-Fix over other test papers?

- No bleeding
- No contamination of the sample
- Safe handling
- Reflectometric evaluation possible
- Measurement even in weakly buffered samples

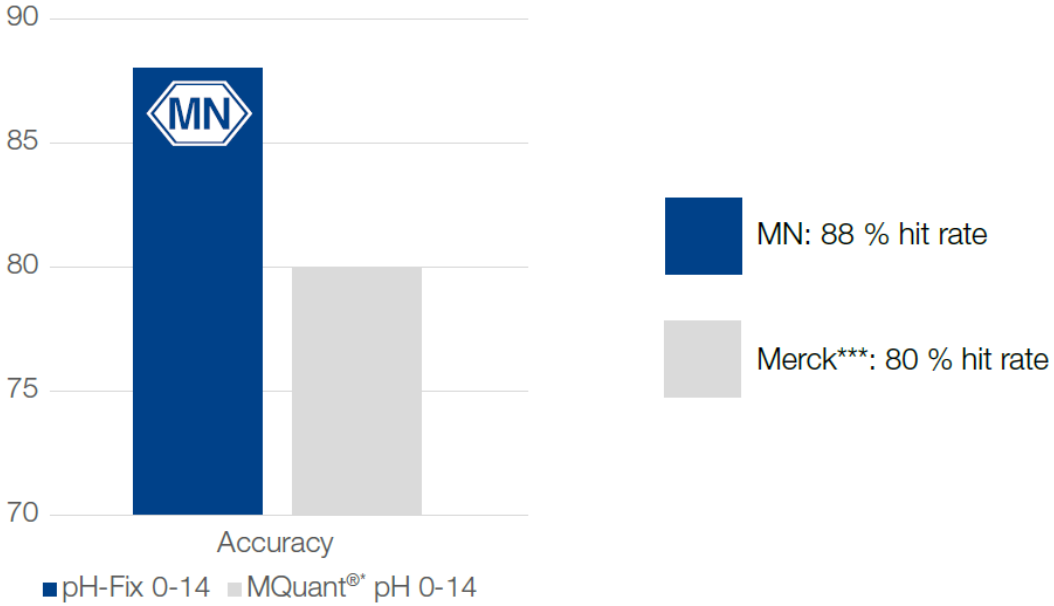


pH tests



Which test strips are the best?

- Comparison study pH-Fix 0-14 with MQuant® pH 0-14





*** Merck and MQuant® are registered trademarks of Merck KGaA, Darmstadt, Germany. The pH-Fix product is not endorsed by, sponsored by, or affiliated with Merck.

pH tests



These are the advantages of pH-Fix



Clean sample due to patented technology



Safe handling due to long test strip



Precision through perfect colors

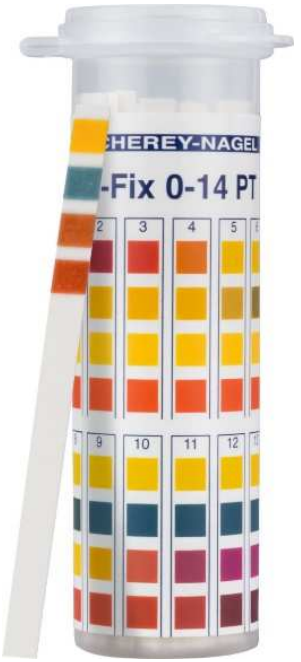
pH tests



Sales Guide

Why should customers buy pH-Fix?

- Best performance in comparative study*
- Perfect colors, long strip and patented technology
- Reliable results within seconds
- pH-Fix is safe, simple, modern
- Price-performance ratio



* Please refer to our comparative study at *www.mn-net.com/media/pdf/45/fa/ff/pH-Fix-Studie.pdf*

pH tests



Sales Guide

What questions should you ask customers when selling?

- Do you need to adjust the pH somewhere in your process?
- How do you test it?
- Have you heard of pH fix test strips?
- Do you use MQuant® pH test strips from Merck?



pH tests



Industries

Who buys it?

- Anyone who tests the pH value
- Quality control
- Laboratories
- Aquaculture
- Water analysis
- Food processing industry
- Hospitals
- Agriculture
- Schools
- Universities
- Fire departments



pH tests





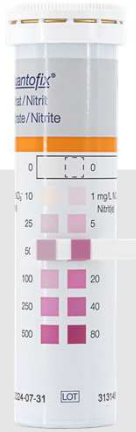
Custom flyer



Sales Guide

To the comparative study

Convince yourself and your customers!



QUANTOFIX® Rapid Tests

QUANTOFIX® Rapid Tests



- Semiquantitative determination
- Easy handling
- Safe results
- No accessories necessary
- Parameters for almost every application



QUANTOFIX® Rapid Tests



Easy care

- No calibration
- No maintenance
- Desiccant in the stopper for optimal protection against humidity
- Color chart confirmed with traceable standards



QUANTOFIX® Rapid Tests

The eagle eye for your test strips

- Objective evaluation
- Quantitative results
- Data memory
- Increases efficiency
- Backlit LCD-display with touch screen
- Integrated thermal printer



QUANTOFIX® in industry



Food industry



Waste water



Aquaculture



Healthcare



Metal



Pool and spa



QUANTOFIX® monitors food safely



Fish and meat



Beverages and drinking water



Milk and dairy products



Sugar and honey



Winery



Vegetables and Fruits

QUANTOFIX® Rapid Tests



QUANTOFIX® monitors food safely



Nitrate



Chlorine



Calcium



Glucose



Sulfite



Peroxide

QUANTOFIX® Rapid Tests

NEW: QUANTOFIX® Sensitive Portfolio

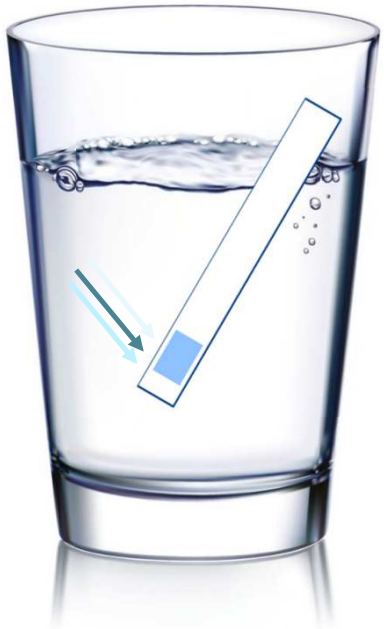
- Highly sensitive test strips
  - Principle of flow through
  - 5 parameters (free chlorine, total chlorine, copper, iron, chlorine dioxide)



W(hole) new sensitivity!

QUANTOFIX® Rapid Tests

How is the high sensitivity achieved?





Through-flow principle as the key to higher sensitivity

QUANTOFIX® Rapid Tests

5 Parameters (free chlorine, total chlorine, copper, iron, chlorine dioxide)



Sensitivity better than or comparable to *VISOCOLOR® ECO*

QUANTOFIX® Rapid Tests



Advantages of test strips

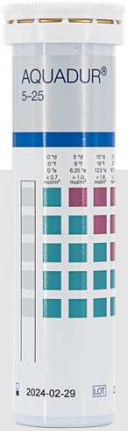
- Trend in the market: liquid tests are replaced by test strips
  - Inexpensive
  - Simple (no instrument/reagent)
  - Fast and safe



Applications

- Drinking water
- Swimming pool
- Disinfection
  (incl. Beverage industry)
- Boiler feed water and
  cooling water





Other semiquantitative test strips

Other semiquantitative test strips

For example



Other semiquantitative test strips

Aquadur® 5–25

- Water hardness
- E.g. for testing preparation water for cooling lubricants
  - Water hardness influences foaming



Other semiquantitative test strips

Peroxtesmo MI

- Color change white → blue
- Proof of heating process completion in UHT milk



Other semiquantitative test strips

QUANTOFIX® LubriCheck

- Determination of lubricant concentration
- Easier than refractometric method





Other semiquantitative test strips



- Determination of water quality
- Different parameter combinations available



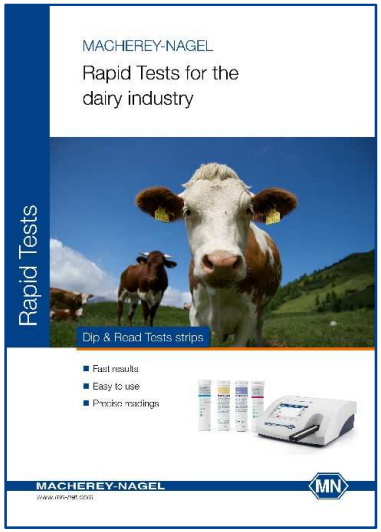


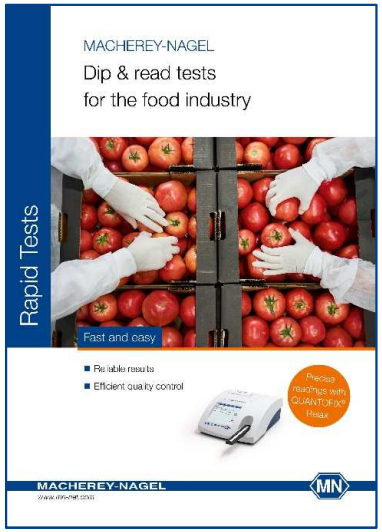


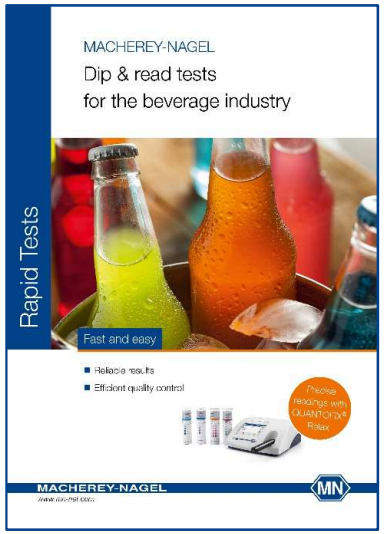
Other semiquantitative test strips

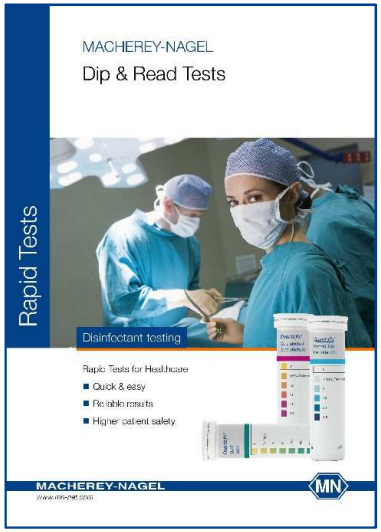


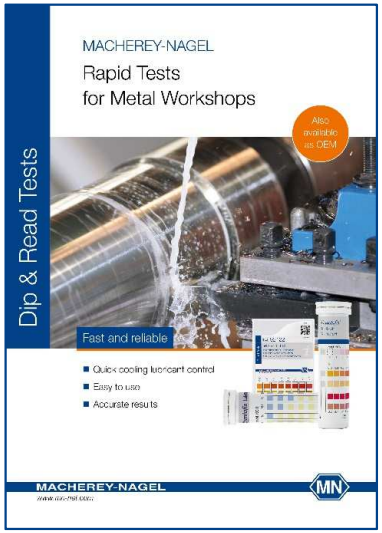
For more information











Rapid Tests

Just Dip it!

Dr. Sarah Geenen I sgeenen@mn-net.com I 08.01.2025

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