# Water & Soil Instruments

# Water Quality Test Strips Free Chlorine Water Check

# **WTS Series**



- Quick and Easy-to-Run with No Setup Time Completely Portable for Field Use
- Minimum Technical Know-How Required Since No Sample Mixing or Reagent Mixing is Required
- ✓ Safe Since Chemical Weight on One Strip is Only 3% of What One "Powder Pillow" Contains
- Ideal for Measuring Cloudy and Colored Water Samples with Negligible Effect on Test Results

## **Free Chlorine Water Check**

The latest product in a line of continuous product innovations, the Free Chlorine Water Check offers the user an extremely comprehensive testing system. Currently under US EPA evaluation, the test offers a range of 0.05 to 10 PPM (mg/L) with no monochloramine interference. With accurate and reproducible results in under 1 minute, the Free Chlorine Water Check (Models: WTS-481026 and WTS-481126) is sure to revolutionize Free Chlorine testing as you know it.

#### **Free Chlorine**

These water quality tests are the sensitive and safe alternative to wet chemical free chlorine tests. A mechanical reader is not required, even for the 0.05 PPM or mg/L sensitivity. The unique indicator is reactive only to free Chlorine; therefore, no interference to monochloramines occurs. Accurate results are achieved in under 1 minute. Products are available with ranges from 0.05 to 750 PPM (mg/L).

Most test strip products are available in two different packages; individual packets with a detailed color chart card or in bottles labeled with a color chart. No mater which option you choose, all products offer the same high level of quality and reliability.

# Free Chlorine

0.0

0.05

0.2

mg/L Test Procedure Dip one (1) test strip into a 50 ml (about 2 oz.) sample for twenty (20) seconds with constant, gentle back-and-forth motion that maximizes the liquid flow through the indicator pad (aperture). Remove and shake strip once briskly to remove excess sample. Wait 20 seconds and match with the best color to determine Parts per million (PPM) or mg/Liter concentration of Free Chlorine. Complete the color matching within one (1) minute.

NOTE: For best results, the back-<br/>and-forth motion should be with 1"<br/>to 2" (2.5 to 5.0 cm) strokes and<br/>about 40 strokes during the 20<br/>seconds (1 back and forth stroke<br/>per second). Also, view color<br/>through aperture against a white<br/>surface. A suggestion is to fold<br/>the white plastic handle of the test<br/>strip under the aperture so that it<br/>produces a consistent viewing<br/>background (blocks all distractions<br/>10.01.51.5

For Sales & Service

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**-TC-ON** U.S.A. and Canada

WTS-481126

To Order		
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480002	Free chlorine, bottle of 50	0, 0.05, 0.1, 0.2, 0.4, 0.5, 0.8, 1.0, 2.0, 5.0
WTS-480022	Free chlorine HR*, bottle of 50	1.0, 2.0, 5.0, 10, 20, 40, 80, 120
WTS-480023	Free chlorine check, bottle of 50	0.0, 0.25, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 15, 20, 25
WTS-480024	Free chlorine check HR*, bottle of 50	0.0, 25, 50, 100, 200, 300, 400, 500, 750
WTS-481026	Free chlorine water check, bottle of 50	0, 0.05, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2.0, 2.6, 4.0, 6.0, 10
WTS-481126	Free chlorine water check, 30 pkts of 1	0, 0.05, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2.0, 2.6, 4.0, 6.0, 10

\* High Range

Ordering Example: WTS-481126, Free Chlorine water check, 30 individual packets of 1 ea.

METHOD A:

0.0

Total Chlorine

Free Chlorine + Monochloramines

Complete color match within 15 seconds. TOTAL CHLORINE - METHOD A COLORS

0.2

0.1

TEST PROCEDURE:

Dip one test strip into a 250mL (8oz) water sample with constant, gentle back-and-forth motion for 5 seconds. Remove the strip and wait 30 seconds. Then, view through the aperture to match with closest METHOD A COLOR.

0.5

0.8

4.0

10.0

# Water Quality Test Strips

## **Total Chlorine**

Most products are available in bottles of 50 strips or 30 individual foil packets with a detailed color chart card. Total Chlorine test strips offer both versatility and sensitivity without compromising accuracy. Ranging from 0.05 to 80 PPM (mg/L), Total Chlorine strips use patented technology to make your testing easier. With results being achieved in under 1 minute, Total Chlorine test strips save you time and money.

To Order		
Model No. Detection Levels PPM (mg/L)		
WTS-480010	Total chlorine, bottle of 50. 0, 0.05, 0.075, .1, 0.125, 0.15, 0.175, 0.2, 0.3, 0.5, 0.8, 4.0, 10	
WTS-481110	Total chlorine, 30 pkts of 1. 0, 0.05, 0.075, 0.1, 0.125, 0.15, 0.175, 0.2, 0.3, 0.5, 0.8, 4.0, 10	
WTS-480033	Total chlorine high range, bottle of 50. 0, 5, 10, 20, 30, 40, 60, 80	

#### WTS-480655

WTS-481133



To Order		
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480655	Free and total chlorine, 30 pkts of 1	0, 0.1, 0.2, 0.5, 1.0, 2.5, 5.0
WTS-480115	5-in-1 strip, 30 pkts of 1	See WTS-480655, 480008 and 480005 for Specs
WTS-481133	4-in-1 strip, 30 pkts of 1	See: pH, total alkalinity, total chlorine, total hardness



# WATER & SOIL INSTRUMENTS

# Water Quality Test Strips

## pH and Total Alkalinity

pH is a natural part of water chemistry. pH Check test strips are designed to offer highly accurate results with minimal cost. For a more comprehensive test try the combination pH/total Alkalinity test strips.

To Order		
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480104	pH check,	2, 3, 4, 5, 6, 6.5, 7, 7.5, 30 pkts of 18 8.5, 9, 9.5, 10, 11, 12
WTS-481104	pH check,	pH: 2 to 11 bottle of 50
WTS-480005	pH/total	pH: 6, 6.5, 7, 7.5, alkalinity, 8.5, 9 TA: 0, 80, 120, bottle of 50 180, 240, 360 PPM

WTS-480008.

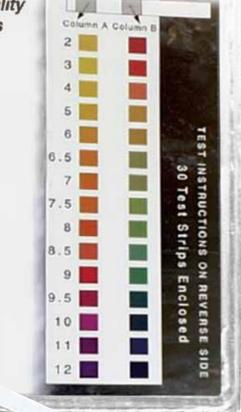
## **Total Hardness**

Calcium is found in water naturally from leaching. A typical sign of high calcium is scale that can build up in your bathtub. Accurate calcium measurement is very important to prolong the life of appliances and plumbing. The Total Hardness test strip provides accurate and reliable measurement without sacrificing time and money. This product produces accurate results in only one second!

To Order		
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480008	Total hardness, bottle of 50	40, 80, 120, 180, 250, 425
WTS-481108	Total hardness, 30 pkts of 1	40, 80, 120, 180, 250, 425 and 0, 2, 5, 7, 11, 15, 25 gpg

# pH Check

Water Quality Test Strips



WTS-480104

#### Peroxide and Iodine Check Strips With the usage of alternative oxidizers WTS-480018 becoming more predominate, you need a WTS-480014 guick, reliable and economical test. Offering sensitivities from 0.05 to 30,000 PPM (mg/L), Peroxide Check answers demanding testing needs. lodine has been used for many years as a sanitizing agent. odine Measurement concerns have necessitated the need for an accurate, est Strips Peroxide Test economical way to check lodine levels. lodine Check offers the user a wide range of sensitivity, 0.02 to 300 PPM (mg.L), while still remaining accurate and affordable. Manufactured under exacting conditions, all of these products provide accurate results ideal for the food, medical, industrial, and potable water industries. Ta Ardar

 Model No.	Description	Detection Levels PPM (mg/L)
 WTS-480018	lodine, bottle of 50	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.4, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0
WTS-480064	lodine check, bottle of 50	0, 5, 10, 15, 20, 30, 40, 50, 75, 100, 150, 200, 250, 300
WTS-480014	Peroxide check, bottle of 50	0.5 to 100

For Sales

& Service

<u>800-8</u>

 $(\Box)$ 

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U.S.A. and Canada

# Water & Soil Instruments

### Iron and Copper Test Strips

Whether you are testing for Iron or Copper on surfaces or in water, OMEGA has a solution for you. Iron and Copper tests make short work of an otherwise frustrating project.

Requiring no mechanical reader or extra reagents, Iron test is an extremely accurate and sensitive test for measuring from 0.02 to 5.0 PPM (mg/L) in water.

Designed to complement the Iron test product, Copper test strips report results from 0.5 to 10.0 PPM (mg/L) without the need for a mechanical reader or hazardous reagents to mix.

To Order		
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480125	Iron test, 30 pkts of 1	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1.0, 2.0, 5.0
WTS-480025	Iron test, bottle of 25	0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1.0, 2.0, 5.0
WTS-480011	Copper test, bottle of 25	0, 0.5, 1.0, 2.5, 5.0

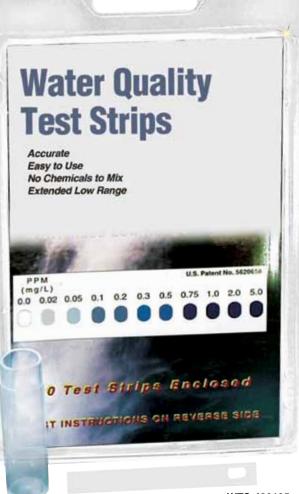


Nitrate Nitrogen/nitrate Nitrogen (as N)

# TEST PROCEDURE:

Dip one test strip into water sample for 2 seconds, remove, wait 1 minute, and match Nitrate/Nitrite (end pad) and Nitrite colors. Record results. To determine Nitrate Nitrogen levels subtract the Nitrite Nitrogen PPM's from the Nitrate Nitrogen + Nitrite Nitrogen PPM's. Complete color match within 1 minute.





WTS-480125

#### Nitrate Nitrogen and Nitrite Nitrogen

Nitrate Nitrogen and Nitrite Nitrogen can be very harmful in water. Side effects range from a lack of energy all the way to severe illness and, sometimes, death. Quickly and accurately determining the presence and levels of Nitrates and Nitrites in your water can save more than time and money. Nitrate/Nitrite Nitrogen test strips offer the user more than accurate, cost-effective results. The precise measuring tools offer the user peace-of-mind and safety. Ideal for the potable water industry, food industry, medical industry and educational classes. Nitrate/Nitrite Nitrogen test strips offer a sensitivity of 0 to 50 PPM (mg/L) for Nitrates, and 0.15 to 10 PPM (mg/L) for Nitrite Nitrogen. With a large, easy to read color chart and an economical price, Nitrate/Nitrite Nitrogen test strips are a must for any scientific tool kit.

To Order		
		Detection Levels
Model No.	Description	Detection Levels PPM (mg/L)
WTS-480009	Nitrate/nitrite as nitrogen, bottle of 50	Nitrate: 0, 0.5, 2.0, 5, 10, 20, 50 Nitrite: 0.0, 0.15, 0.3,0.9, 1.5, 3, 10
WTS-481109	Nitrate/nitrite as nitrogen, 30 pkts of 1	Nitrate: 0, 0.5, 2.0, 5, 10, 20, 50 Nitrite: 0.0, 0.15, 0.3, 0.9, 1.5, 3, 10

