













TDS-4	TDS-4TM	AP-1: AquaPro	AP-2: AquaPro	COM-100
				
<ul style="list-style-type: none"> <li>• The smallest and lightest TDS meter on the market</li> <li>• Sleek pocket design is perfect for personal or consumer use</li> <li>• Includes hold function, auto-off function, ATC, large display, and factory calibration</li> <li>• Advanced microprocessor technology</li> </ul>	<ul style="list-style-type: none"> <li>• The smallest and lightest TDS meter on the market</li> <li>• Sleek pocket design is perfect for personal or consumer use</li> <li>• Includes hold function, auto-off function, ATC, large display, and factory calibration</li> <li>• Advanced microprocessor technology</li> </ul>	<ul style="list-style-type: none"> <li>• Upscale retail TDS meter</li> <li>• Modern, splashproof design</li> <li>• Large LCD and digital calibration</li> <li>• Includes a TDS chart on the back of the meter and a magnetic housing</li> <li>• Four-digit display</li> </ul>	<ul style="list-style-type: none"> <li>• Upscale retail EC meter</li> <li>• Modern, splashproof design</li> <li>• Large LCD and digital calibration</li> <li>• Includes an EC chart on the back of the meter and a magnetic housing</li> <li>• Four-digit display</li> </ul>	<ul style="list-style-type: none"> <li>• Professional waterproof EC/TDS meter</li> <li>• Three EC-to-TDS conversion factors</li> <li>• Four scales: <math>\mu\text{S}</math>, mS, ppm, ppt</li> <li>• Pinpoint accuracy: resolution of 0.1</li> <li>• Digital calibration and replaceable electrode</li> </ul>
0-9990 ppm (mg/L)	0-9990 $\mu\text{S}$ ( $\mu\text{S}/\text{cm}$ )	0-5000 ppm (mg/L)	0-9999 $\mu\text{S}$ ( $\mu\text{S}/\text{cm}$ )	0-9990/9.99 $\mu\text{S}/\text{mS}$ ; 0-8560/8.56 ppm/ppt
n/a	1-80°C	1-80°C / 33-176°F	1-80°C / 33-176°F	1-80°C / 33-176°F
Yes	Yes	Yes	Yes	Yes
+/- 2%	+/- 2%	+/- 2%	+/- 2%	+/- 2%
1 ppm	1 ppm	1 ppm	1 $\mu\text{S}$	0.1 $\mu\text{S}$ ; 0.01 mS; 0.1 ppm; 0.01 ppt
Analog to any point	Analog to any point	Digital to any point	Digital to any point	Digital to any point
2 x 1.5V button cell	2 x 1.5V button cell	1 x 3V button cell	1 x 3V button cell	3 x 1.5V button cell
14x 2.3 x 1.5 cm (5.5 x .9 x .55 in.)	14x 2.3 x 1.5 cm (5.5 x .9 x .55 in.)	15 x 2.8 x 1.3 cm (5.9 x 1.1 x .5 in.)	15 x 2.8 x 1.3 cm (5.9 x 1.1 x .5 in.)	18.5 x 3.4 x 3.4 cm (7.3 x 1.3 x 1.3 in.)
34 g (1.2 oz)	34 g (1.2 oz)	42.5 g (1.5 oz)	42.5 g (1.5 oz)	90.7 g (3.2 oz)
				

## What is TDS?

**Total Dissolved Solids (TDS)** are the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water. TDS is expressed in parts per million (ppm) or milligrams per liter (mg/L). TDS includes any inorganic element present other than the pure water molecule ( $\text{H}_2\text{O}$ ) and suspended solids. TDS meters are based on Electrical Conductivity (EC).

TDS affects everything that consumes, lives in, or uses water, whether organic or inorganic. While humans prefer low TDS in their drinking water, many species, such as plants and fish, need significantly higher levels. From drinking water to aquarium water or pipes to glass cleaners, it is always crucial to test for TDS or EC to ensure that the water is right for the application.

The U.S. EPA's Maximum Contaminant Level of TDS for human consumption is 500 ppm (mg/L).



HM Digital, Inc. is your premier source for the finest quality water testing instrumentation. From our facilities in Los Angeles, Seoul and Qingdao, HM Digital ships to anywhere in the world.

Our handheld meters, in-line monitors, controllers, sensors and calibration solutions, used in a myriad of applications, are superior in quality, features and performance, yet made available at a very economic cost. HM Digital takes pride not only in the quality of our products, but also in our commitment to customer service and the shortest lead times in the industry.

With HM Digital water testing instruments, you're on your way to the perfect water.

## Testing Instruments for Professional and Personal Use



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**Alternative Health**

**Aquariums & Aquaculture**

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**Carbon Filtration**

**Deionization**

**Distillation**

**Food & Coffee Service**

**Hydroponics**

**Pools & Spas**

**Pharmaceutical & Medical**

**Reverse Osmosis**

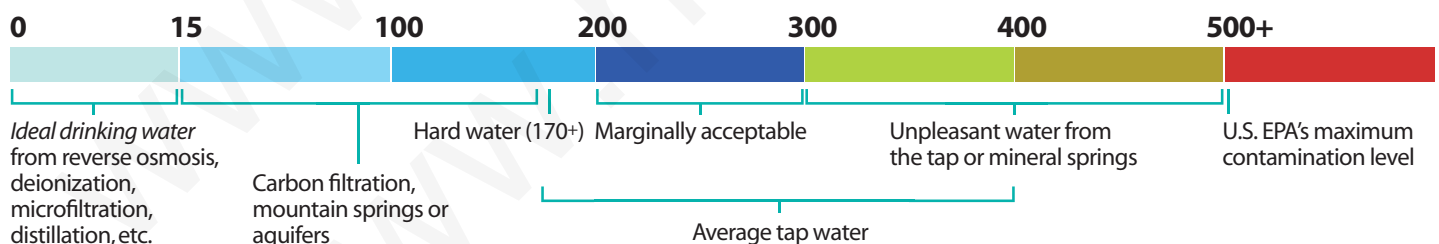
**Water Bottling**

**Water Purification**

**Water Treatment**

### RECOMMENDED TDS LEVELS FOR DRINKING WATER

TDS in parts per million (PPM)



## How Pure is Your Water?®



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