



HOW PURE
IS YOUR WATER?®



TDS-4TM: AQUARIUM TDS METER WITH DIGITAL THERMOMETER

The TDS-4TM/4TMA handheld meter is ideal for testing TDS and salt levels of freshwater aquariums and ponds. It can also be used for testing water filtration and purification systems, such as RO and DI, to know when to change filters and membranes.

FEATURES

- The smallest and lightest TDS meter on the market.
- Sleek design is perfect for personal or consumer use.
- Advanced microprocessor technology.
- Hold Function: saves measurements for convenient reading and recording.
- Auto-off function: the meter shuts off automatically after 10 minutes of non-use to conserve batteries.
- Measurement Range: 0-9990 ppm. From 0-999 ppm, the resolution is in increments of 1 ppm. From 1000 to 9990 ppm, the resolution is in increments of 10 ppm, indicated by a blinking 'x10' image.
- Display: large and easy-to-read LCD screen.
- Recommended for fresh water aquariums & aquaculture, horticulture & hydroponics, and pools & spas.
- Factory Calibrated: our meters are calibrated with a 342 ppm NaCl solution. Meters can be recalibrated with a mini-screwdriver.
- Need help deciding which meter is right for you? View our TDS/EC Meter Selection Guide.
- TDS-4TMA Includes an aquarium-specific packaging (Next Page)



SPECIFICATIONS

TDS Range: 0-9990 ppm (mg/L)

Temp. Range: 0-80 degrees Celsius

Resolution: 0-999: 1 ppm; 1000-9990: 10 ppm (indicated by a 'x10' icon)

Temperature Resolution: 0.1 degree Celsius (Celsius only)

Accuracy: +/- 2%

EC-to-TDS Conversion Factor: NaCl (avg. 0.5)

ATC: Built-in sensor for Automatic Temperature Compensation of 1 to 50 degrees Celsius (33 to 122 degrees Fahrenheit)

Power source: 2 x 1.5V button cell batteries (included) (LR44 or equivalent)

Battery life: 1000 hours of usage

Dimensions: 14 x 2.3 x 1.5 cm (5.5 x .9 x .55 inches)

Weight: 34g (1.2 oz)

UPC: 891144000199

Distributed By:



3 YEAR WARRANTY CE

2450 Business Park Drive, Vista, CA 92081, USA

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Premier Water Testing Instruments

HOW PURE IS YOUR WATER?



TDS-4TMA: AQUARIUM TDS METER WITH DIGITAL THERMOMETER



TDS METER
Aquarium Water Tester
for healthy fish

WHAT DO YOUR FISH SWIM IN?

Monitor TDS levels for

- Freshwater Tanks
- RO/DI Systems
- Ponds

Features Include:

- Wide Range (0-9990 ppm)
- Digital Thermometer
- Auto Shut-Off
- Data Hold
- Auto Temperature Compensation
- 1000+ Hours of Continuous Usage
- 3 Year Limited Warranty
- Factory Calibrated

model TDS-4TMA




WHAT IS TDS?
Total Dissolved Solids (TDS) are the total amount of solids, including minerals, salts or metals, dissolved in a given volume of water. A TDS meter measures the total amount of mobile charged ions (based on conductivity) and expresses the TDS quantity in parts per million (ppm). TDS includes any inorganic element present other than the pure water molecules (H₂O) and suspended solids.

TDS AND YOUR FISH
TDS is important for osmotic regulation and hydration. If the TDS levels are not correct, a fish may not be able to properly cycle its "drinking" and may experience dehydration or fluid loss via the gills.

Example Fish Types	Optimal TDS	Water Hardness
Angelfish	50-100 ppm	Soft
Discus/ Apistogramma sp.	100 - 150 ppm	Moderately Soft
Central American Cichlids	150 - 300 ppm	Moderately Hard
African Cichlids / Marine Fish	300+ ppm	Hard

*Examples only. Always consult a guide for proper care of your fish.

Know when to change your filter!
Be sure your fish are swimming in the optimal water!

FEATURES AND SPECIFICATIONS

Hold function: Lock the reading so you can view it when the meter is out of the water.
Auto-off function: Turns off meter after 10 minutes of non-use to save batteries.
Extended Range: Measures from 0 to 999 ppm with a resolution of 1 ppm. From 1000 to 9990 ppm, the resolution is 10 ppm, indicated by a blinking 'x10' icon.

TDS Range: 0-9990 ppm
Temp Range: 0-80° Celsius
Accuracy: ±2%
Battery: 2 x 1.5v (button cell)
Size: 14 x 2.3 x 1.5 cm (5.5 x .9 x .55 in)
Weight: 32 g (1.13 oz)

Open this insert for instructions and warranty.

TDS-4TMA  

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Designed in U.S.A. and Korea. Made in China.



HM Digital, Inc.
www.hmdigital.com



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for healthy fish

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TDS & TEMP.

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