

TDS, EC & Thermometer Pen



Price: R250.00

Description

Total Dissolved Solids (TDS) is the total amount of mobile charged ions, including minerals, salts or metals dissolved in a given volume of water. Therefore expressed in units of mg per unit volume of water (mg/L). We also refer to it as parts per million (ppm).

One of our favourite tools to use is a TDS pen. TDS = Total Dissolved Solids. It measures all the solid particles in the water and gives you a reading of part per million. We have no idea what the solid particles from the reading of a TDS pen are. It could be minerals, metals, salts and many more. When you feed your fish, the fish eat the food and eventually poop – but at the end of the day, the food/poop get broken down into small particles by your filter. These particles stay in the water. It has nowhere to go. This will result in a higher TDS reading as it reads everything in the water including the broken-down fish waste.

Measure the TDS of the water that you use to do water changes. Some people use tap water, borehole water or remonetized RO water. A TDS pen can also tell you if the RO water that you use are in fact RO water.

TDS is directly related to the purity of water and the quality of water purification systems and affects everything that consumes, lives in, or uses water, whether organic or inorganic, whether for better or for worse

A high level of TDS is an indicator of potential concerns and therefore warrants further investigation.

The TDS pen can be used in: water purifiers and filters, food (vegetable, fruits) & drink quality monitoring, pools and spas, aquariums, hydroponics.

Auto-off function: Turns off meter after 10 minutes of non-use to conserve batteries