

TDS ?????????? ??????????



TDS ?????????? ??????????. These TDS conductivity testers provide the ideal solution for measuring ppm or ?S. The TDS testers are ideal for monitoring a variety of applications including the amount of salts or dissolved solids in water. The readings are automatically temperature...

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TDS ?????????? ??????????

These TDS conductivity testers provide the ideal solution for measuring ppm or ?S. The TDS testers are ideal for monitoring a variety of applications including the amount of salts or dissolved solids in water. The readings are automatically temperature compensated over the range of 0 to 50 °C.

There are two models of both the TDS and conductivity testers, suitable for either low or high concentrations of total dissolved solids in liquids.

Conductivity Electrode Maintenance

The ETI range of Conductivity Meters include TDS Testers, Nutrient Tester, Salt Concentration Testers and WalkLAB Pro Conductivity Meters.

Various Calibration Solutions are available for the regular calibration of instruments

Storage: It is best to store cells so that the electrodes are immersed in deionised water. Any cell that has been stored dry should be soaked in distilled water for 5 to 10 minutes before use to assure complete wetting of the electrodes.

The single most important requirement of accurate and reproducible results in conductivity measurement is a clean cell. A dirty cell will contaminate the solution and cause the conductivity to change. Grease, oil, fingerprints, and other contaminants on the sensing elements can cause erroneous measurements and sporadic responses.

Electrodes can be cleaned using a mixture of 1 part by volume of isopropyl alcohol, 1 part of ethyl ether, and 1 part of HCl (1+1). After cleaning, thoroughly flush the cell with water. If the old platinum black coating to be removed, judicious application of aqua regia to the electrodes, or electrolysis in HCl is frequently successful. This should only be attempted by trained operatives.

Electrodes can also be cleaned with detergent and/or nitric acid (1%) by dipping or filling the cell with cleaning solution and agitating for two or three minutes. Rinse the cell several times with distilled or deionised water and remeasure the cell constant before use.

specifi	TDS1	TDS2	TDS3	TDS4
cation				
range	10-199	100-99	10-199	100-19
	0	99	0	900
resoluti	10ppm	100pp	10µS	100µS
on		m		
accurac	±2% of full scale			
y				
battery	4 x 1.5 volt LR44 button cell			
battery	100 hours			
life				
display	6mm LCD			
dimensi	15 x 32 x 147mm			
ons				
weight	55 grams			

- **case material:** ABS plastic
- **display type:** LCD digital
- **measurement scale:** ppm
- **power source:** battery powered
- **probe/sensor style:** internal sensor
- **warranty:** one year
- **water/dust resistance:** water resistant

