HM Digital TDS Meter TDS-3-TM

Code: TDS-3-TM HSN: 90278030 GST: 18% Brand: AVAIN LABS









AVAIN LABS® HM Digital TDS Meter TDS-3-TM

The AVAIN LABS® HM Digital TDS Meter TDS-3-TM is a compact and highly accurate digital water quality tester designed for measuring Total Dissolved Solids (TDS) in water quickly and efficiently. Ideal for drinking water analysis, RO water systems, aquariums, hydroponics, swimming pools, laboratories, and industrial applications, this portable meter helps ensure water purity and monitor filtration system performance.

The meter features a wide measuring range of 0 to 9990 ppm, making it suitable for both low and high TDS water testing applications. It offers a high resolution of 1 ppm up to 999 ppm and 10 ppm thereafter, ensuring precise readings across the entire measurement range. The instrument delivers reliable performance with an accuracy of ±2% Full Scale (F.S.).

For easy maintenance and long-term accuracy, the TDS-3-TM is equipped with a 1-point screw type calibration system, allowing quick calibration adjustments whenever required.

Designed for versatile operation, the meter functions within an operating temperature range of 0°C to 80°C and is powered by 2 x 1.5V LR44 batteries, providing excellent portability and long battery life for field and laboratory use.

Its slim, lightweight design with dimensions of 155 × 31 × 23 mm makes it convenient to carry and easy to operate with one hand, making it an ideal choice for both professionals and home users.

Key Features

- Measures TDS (Total Dissolved Solids) quickly and accurately.
- Wide measurement range of 0 to 9990 ppm.
- Resolution: 1 ppm up to 999 ppm and 10 ppm thereafter.
- Accuracy: ±2% Full Scale (F.S.).
- 1-point screw type calibration for easy adjustment and maintenance.
- Operating temperature range: 0°C to 80°C.
- Powered by 2 × 1.5V LR44 batteries.
- Compact, lightweight, and portable design.
- Suitable for both laboratory and field applications.
- Ideal for water quality monitoring in residential, commercial, and industrial environments.

Technical Specifications

Applications

- Drinking Water Testing
- RO Water Purifier Monitoring
- Aquariums and Fish Tanks
- Hydroponics and Agriculture
- Swimming Pools and Spas
- Laboratories and Research Facilities
- Industrial Water Quality Monitoring
- Water Treatment Plants

The AVAIN LABS® HM Digital TDS Meter TDS-3-TM provides a reliable, accurate, and portable solution for measuring dissolved solids and maintaining water quality across a wide range of applications.

Specifications

Model	TDS-3-TM
Measurement Parameter	TDS (Total Dissolved Solids)
Measuring Range	0 to 9990 ppm
Resolution	1 ppm up to 999 ppm and 10 ppm thereafter
Accuracy	±2% F.S
Calibration	1 Point (Screw Type)
Operating Temperature	0°C to 80°C
Power Source	2 × 1.5V LR44 Batteries
Dimensions	155 × 31 × 23 mm

Available models (3)

Cat. No.	Size	Measuring R...	Resolution	Accuracy	Calibration	Operating Te...	HSN
TDS-3-TM-S1	Small						90278030
TDS-3-TM-S2	Large						90278030
TDS-3-TM		0 to 9990 ppm	1 ppm; up to 999 ppm and 10 ppm thereafter	±2% F.S	1 point (screw type)	0 to 80°C	90278030

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