Bench Top TDS Meter

SKU: ABM402M | Range: 0 TO 66000 PPM & 0 TO 100 MS/CM With Stirrer

The AQUASOL DIGITAL Bench Top TDS / Conductivity Meter is a high-performance and precision-engineered laboratory instrument designed for accurate measurement of Total Dissolved Solids (TDS), Conductivity, and Temperature in a wide range of industrial and laboratory applications. Developed using advanced microprocessor-based technology, this meter ensures fast response, stable performance, and highly accurate results, making it ideal for water and wastewater testing, pharmaceuticals, chemical industries, food & beverage, and environmental laboratories. With its multi-parameter functionality, the instrument allows seamless measurement of TDS and conductivity in a single unit, eliminating the need for multiple devices and improving laboratory efficiency. The integrated temperature measurement with Automatic Temperature Compensation (ATC) ensures precise readings across varying temperature conditions. Understanding the need for a reliable and user-friendly laboratory instrument, AQUASOL DIGITAL has designed this meter with a compact, spill-proof bench-top structure, ensuring durability and long-term performance even in demanding environments.

KEY PRODUCT FEATURES

- Advance Microprocessor based Design
- Convenient with Splash proof keyboard
- Built In Stirrer with Electrode holder
- Large LCD display with Backlight.
- Built in ATC (Automatic Temperate Compensation).
- Advance Storage/Memory function.
- USB Connectivity with Software

TECHNICAL SPECIFICATIONS

Model - ABM402
Conductivity Range - 0 to 100 mS/cm
Conductivity Accuracy - 1%
Conductivity Resolution - 1µS
TDS Range - 0 to 66.0 PPT (66000 PPM)
TDS Accuracy - 1%
TDS Resolution - 1 PPM
Salt Range - 0 to 50 ppt
Salt Accuracy - 1%
Salt Resolution - 1 PPM
Temp Range - 0 to 110 Deg C
Temp Accuracy - ± 0.2
Temp Resolution - 0.1 Deg C
Stirrer (Built-In)
ATC - 0 to 100 ℃
Sensor (Default) - Conductivity/TDS Sensor (AMECNLG) is provided along with a meter.