

## Bench Top TDS Meter

SKU: ABM402 | Range: 0 TO 66000 PPM / 0 TO 100 MS/CM

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
- Stable Platform with Electrode holder
- Large LCD display with Backlight.
- Built in ATC (Automatic Temperature 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 - 1 $\mu$ S

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 -  $\pm$  0.2

Temp Resolution - 0.1 Deg C

Stirrer (Built-In) - With Variable RPM & Timer

ATC - 0 to 100  $^{\circ}$ C

Sensor (Default) - Conductivity/TDS Sensor (AMECNLG) (K=1), and Temperature Sensor (AMETBENCH) are provided along with a meter.

Default Sensors are provided with the meter. Confirm the sensor model for any special requirements before ordering.