Bench Top pH/TDS/DO Meter

SKU: ABM405 | Range: (-2) to 16 pH / TDS 0-66000 PPM / DO 0-20 PPM

he AQUASOL DIGITAL Bench Top Multi-Parameter Meter is a next-generation, high-performance laboratory instrument designed for comprehensive water quality analysis. This advanced system enables accurate measurement of pH, ORP (Redox), Conductivity, TDS, Salinity, Dissolved Oxygen (DO), Oxygen (O_2), and Temperature—all in a single compact unit. Engineered with advanced microprocessor technology, the instrument delivers fast response, exceptional stability, and highly precise results, making it ideal for water and wastewater treatment plants, pharmaceuticals, chemical industries, aquaculture, environmental monitoring, food & beverage, and research laboratories. Suppied with an magnetic stirrer, the meter ensures uniform sample mixing during analysis, significantly improving measurement accuracy, repeatability, and response time, especially for critical parameters like dissolved oxygen. Designed for maximum flexibility, this multi-parameter analyzer allows users to seamlessly switch between parameters by connecting the respective electrodes. The unit is supplied with all essential sensors (pH, conductivity/TDS, DO, temperature), while the ORP electrode is optional, provid

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 Temperate Compensation).
- Advance Storage/Memory function.
- Magnetic Stirrer Provided
- USB Connectivity with Software
- Manufactuer Warranty 1 Year.

TECHNICAL SPECIFICATIONS

Model - ABM405
pH Range - (-) 2.00 to 16.00
pH Accuracy - 1%
pH Resolution - 0.01 pH
ORP Range - ± 1999 mV
ORP Accuracy - 2%
ORP Resolution - 1 mV
Conductivity Range - 0 to 100 mS/cm
Conductivity Accuracy - 1%
Conductivity Resolution -1µS
TDS Range - 0 to 66.0 ppt
TDS Accuracy - 1%
TDS Resolution - 1 PPM
Salt Range - 0 to 50 ppt
Salt Accuracy - 1%
Salt Resolution - 1 PPM
DO Range - 0 to 20.00 mg/L
DO Accuracy - 2%
DO Resolution - 0.01 mg/L
O2 Range - 0 to 200.0 %
O2 Accuracy - 2%
O2 Resolution - 0.01
Temp Range - 0 to 110 Deg C

Temp Accuracy - ± 0.2
Temp Resolution - 0.1 Deg C
Stirrer - Magnetic Stirrer Provided
ATC - 0 to 100 ℃
Sensor (Default) - pH, TDS, DO and Temperature Sensor is provided along with a meter.
To measure ORP purchase separate electrode.