RAKIRO BIOTECH SYSTEMS PVT LTD
Navi Mumbai, India

Bench Top TDS/pH Meter

SKU: ABM403 | Range: (-2) to 16 pH , 0 TO 66000 PPM & 0 TO 100 MS/CM

The AQUASOL DIGITAL Bench Top Multi-Parameter Meter is a highly advanced, precision-engineered laboratory instrument designed for comprehensive analysis of pH, ORP (Redox), Conductivity, TDS, Salinity, and Temperature in a wide range of industrial and laboratory applications. Developed with cutting-edge microprocessor technology, this meter delivers fast response, stability, and highly accurate results, making it ideal for water and wastewater testing, pharmaceuticals, chemical industries, food & beverage processing, aquaculture, and research laboratories. This 6-in-1 multi-parameter meter eliminates the need for multiple instruments by integrating all essential water quality measurements into a single compact unit. With intelligent electrode compatibility, users can seamlessly switch between parameters by simply connecting the multiple sensors, ensuring maximum flexibility and operational efficiency. Equipped with Automatic Temperature Compensation (ATC), the instrument ensures precise and consistent readings across varying temperature conditions. Its large LCD display with multi-parameter view, combined with data storage and optional USB connectivity, enhances usability an



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.
- USB Connectivity with Software
- Manufactuer Warranty 1 Year.

TECHNICAL SPECIFICATIONS

Model - ABM403
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 (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
ATC - 0 to 100 ℃
Sensor (Default) - pH & Conductivity Sensor are provided along with a meter.
To measure ORP kindly purchase separate electrode (AMEORLG).