MICROPROCESSOR CONDUCTIVITY -TDS-SALINITY- TEMPERATURE METER (GRAPHICAL DISPLAY) AL-30D

Code: AL-30D GST: 18% Brand: AVAIN LABS









AVAIN LABS® MICROPROCESSOR CONDUCTIVITY -TDS-SALINITY- TEMPERATURE METER (GRAPHICAL DISPLAY) AL-30D

The AVAIN LABS® Microprocessor Conductivity-TDS-Salinity-Temperature Meter AL-30D is a research-grade digital laboratory instrument designed for accurate and convenient measurement of Conductivity, TDS (Total Dissolved Solids), Salinity, and Temperature. Featuring a 128 × 64 large graphical LCD display, advanced microprocessor-based operation, automatic calibration, and automatic range selection, the AL-30D is an ideal solution for laboratories, research facilities, water quality...

The instrument provides automatic temperature compensation and allows users to select the reference temperature, helping improve measurement reliability across varying sample temperatures. Its user-friendly design and graphical display make it convenient for routine laboratory analysis as well as research applications.

The AVAIN LABS® AL-30D features a fluid-resistant housing and a rotational electrode stand, providing practical and convenient operation during laboratory testing. The instrument also incorporates data storage capacity for up to 1000 samples, allowing measurement results to be conveniently stored for future reference and documentation.

For data management and connectivity, the table-model AL-30D provides a USB computer interface, enabling convenient transfer of stored measurement data to a computer. The instrument is supplied as a complete laboratory package with a conductivity cell, temperature probe, rotational electrode stand, dust cover, and instruction manual.

Key Features

- Research-grade microprocessor-based instrument
- Measures Conductivity, TDS, Salinity, and Temperature
- 128 × 64 large graphical LCD display
- Automatic calibration
- Automatic range selection
- Automatic temperature compensation (ATC)
- Selectable reference temperature
- Fluid-resistant housing for laboratory use
- Rotational electrode stand for convenient testing
- Data storage capacity up to 1000 samples
- USB computer interface for data transfer
- Table-model design suitable for laboratory work
- Supplied complete with conductivity cell and temperature probe
- Includes rotational electrode stand, dust cover, and instruction manual

Applications

The AVAIN LABS® AL-30D Conductivity-TDS-Salinity-Temperature Meter is suitable for a wide range of applications including water quality testing, environmental monitoring, laboratory research, wastewater analysis, drinking water testing, industrial process control, chemical analysis, educational laboratories, and quality control.

It is particularly useful wherever accurate measurement of electrical conductivity, total dissolved solids (TDS), salinity, and temperature is required for laboratory analysis and routine testing.

Data Storage & USB Connectivity

With storage capacity for up to 1000 samples, the AL-30D helps laboratories maintain measurement records efficiently. The integrated USB computer interface provides a convenient way to connect the table-model instrument to a computer for data management and analysis.

Available models (3)		
Cat. No.	**Size**	**HSN**
AL-30D-S1	100 g	
AL-30D		
AL-30D-S2	1 kg	

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