

Multiparameter Analyzer (pH/ORP/Conductivity/TDS/°C)

Model: μ MultiCalHandheld | Make: ANALAB | HSN Code: 90278990



Supplied with Combination Glass pH Electrode (0-70°C), Conductivity Cell K=1.0, Standard Buffer Tablets, Temperature Probe, Electrode Stand consists of Clamp, Dust Cover, DC Adaptor, Operational & Instruction Manual with SOP, Calibration Test Certificate (Without Traceability Document) and Warranty Card.



Technical Specification:

pH	
Range	: -1.00 to 15.00 pH
Resolution	: 0.01 pH
Relative Accuracy	: ± 0.02 pH
mV / Accuracy	: ± 2000.0 mV / 0.2mV OR $\pm 0.05\%$ of reading whichever is greater.
Slope	: 80-120 %
Auto Buffer Recognition	: 7.00, 4.01 / 9.18 pH @25°C for Two points
Display Reading	: Simultaneous - pH, mV & Temperature.
Buffer Standard	: US / NIST & EURO
Error Messages	: “Bad Buffer / Electrode”, “Temperature Probe Error”, “In-complete Calibration” & “pH Over Range”.
Short Link	: Provided to diagnose the problem either with Instrument OR Electrode
Conductivity	
Conductivity Range	: 0 - 20.00, 20 - 200.0, 200 - 2000 μ S/cm, 2 - 20.000, 20 - 200 mS/cm
Conductivity Resolution	: 0.001, 0.01, 0.1 μ S/cm & 0.001, 0.01 mS/cm
TDS Range	: 0 to 10, 100, 1000, 10000, 100000 ppm
TDS Resolution	: 0.001, 0.01, 0.1 ppm & 0.001, 0.01 ppt (1ppt=1000ppm)
Number of Range	: One
Calibration Standard	: One
Calibration Factor	: One
Suitable Cell Constant	: 1.0 K
Adjustable Cell Constant	: 0.90 to 1.1 K
Conductivity to TDS Conversion	: 0.40000 to 1.00000 (Adjustable Factor)
Reading	: Conductivity at actual temperature and at 25°C and TDS with scrolling Display.
Error Messages	: “Wrong Standard / Cell”, “Cell Short”, “Cell Open”, “Try Upper Range”, “Try Lower Range” & “Temperature Probe Error”.
Temperature	
Temperature Range	: 0 to 130.0°C
Relative Accuracy	: ± 0.1 °C

Temperature Compensation	: Auto / Manual
Temperature Calibration	: In-built software and can be calibrated by users
Display	: 16 x 2 Line Alphanumeric Backlit LCD.
Keypad	: Membrane waterproof polyester soft keypad compliance to UL/ROHS.
Calibration Data Storage	: Non-Volatile Memory can store & view calibration details.
Special Features	: Auto Power Off, Backlit On / Off for battery conservation.
Power Supply	: Rechargeable Battery with Charger

Other Models of Multiparameter Analyzer

- Multiparameter Analyzer (pH/ORP/Cond./TDS/°C) Model: μ MultiCal10 with Printing Facility
- Multiparameter Analyzer (pH/ORP/Cond./TDS/Resistivity/Salinity/°C) Model: μ MultiCal50 with Printing Facility as per GLP Format
- Multiparameter Analyzer (pH/ORP/Cond./TDS/Resistivity/Salinity/°C) Model: μ MultiCal100 with 21 CFR Part-11 Compliance
- Handheld Multiparameter Analyzer (pH/ORP/Conductivity/TDS/°C) Model: μ MultiCalHandheld

Product Range

- pH/mV/°C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/°C Analyzer
- Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°C)
- Karl Fischer Titrator • Auto Titrator • Automatic Melting Point Apparatus
- Flame Photometer • Friability Test Apparatus • Tablet Dis-integration Test Apparatus
- Tap Density Test Apparatus • Tablet Hardness Tester • Leak Test Apparatus
- Tablet Dissolution Test Apparatus • Electromagnetic Sieve Shaker • Ultrasonic Bath (Sonicator) • Analytical Electronics Balance • Halogen Based Moisture Analyzer
- Visible & UV-Vis. Spectrophotometer • Nitrogen Gas Generator • Zero Air Gas Generator • Combination Nitrogen / Zero Air Gas Generator • Air Drying Unit for TOC Analyzer • Dew Point Apparatus • Gas Handling & Purification System • Laboratory Furniture & Fume Hood • Exhaust Hood for AAS/ICP.

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