



Fisher Scientific accumet® AB250 pH/mV/ISE/Temp Meter

Versatile BNC Connection For pH, Redox/ORP, Or Ion Selective Measurements

- » NEW model for pH/mV/Ion Selective measurements
- » Date and Time to meet GLP
- » Password protection
- » Calibration reminder & high/low alarm
- » Toggle views with a touch of a button
- » Graphic LCD with adjustable backlight
- » Calibrate with custom pH buffer values or preset buffer groups
- » 500 point memory – log manually or at intervals
- » Easily view calibration data
- » Upgradable software
- » Selectable 0.1 / 0.01 / 0.001 pH resolution

Specifications and Ordering Information

pH Mode	
Range	-2.000 to 20.000 pH
Resolution	0.1 / 0.01 / 0.001 pH
Accuracy	±0.002 pH + 1 LSD
Buffer Sets	USA: 2.000, 4.010, 6.997, 10.013, 12.000 NIST: 1.678, 4.010, 6.865, 9.184, 12.460 DIN: 1.090, 3.060, 4.650, 6.790, 9.230, 12.750 FSCI: 1.000, 3.000, 6.000, 8.000, 10.000, 13.000 CUSTOM: Any 2-5 values, ≥1.0 pH unit apart
Slope Display	Yes, up to 5 different slopes with offset
Temp Compensation	Automatic or manual (0 to 100 °C / 32 to 212 °F)
mV Mode	
Range	±2000.0 mV / Rel. mV
Resolution	0.1 mV
Accuracy	±0.2 mV or ±0.05 % whichever is greater
Offset Adjustment	Up to ±150 mV
Ion Mode	
Range	0.001 to 19999 (±2000 mV)
Resolution	0.001 / 0.01 / 0.1 / 1 (automatic)
Units	ppm, mg/L, molar
Accuracy	0.5 % full scale (monovalent ion) 1 % full scale (divalent ion)
Cal Points	2 to 6 points from one of following groups; 0.001, 0.01, 0.1, 1, 10, 100 0.01, 0.1, 1, 10, 100, 1000 0.02, 0.2, 2, 20, 200, 2000 0.1, 1, 10, 100, 1000, 10000 0.05, 0.5, 5, 50, 500, 5000
Temperature Mode	
Resolution	0.1 °C / 0.1 °F
Accuracy	±0.3 °C / ±0.5 °F
Calibration	Offset in 0.1 ° increments; offset range: ±5 °C / 9 °F
Output	RS-232 (phono plug), mini-B USB, stirrer
Language Selection	English, Deutsch, 中文, Français, Italiano, & Español
Memory	500 data sets, viewable
Datalogging	Manual, timed (selectable every 3 to 3600 seconds) Printer or CSV format
Cal Due Alarm	Yes, user selectable from 8 hrs, 16 hrs, & 1-31 days
High / Low Alarms	Yes, user selectable, visual & audible

AB250 Kit: Includes meter, TRIS compatible pH/ATC electrode (13-620-631), electrode arm, RS-232 & USB cables, 100/240 V power supply, and manual.

AB250 Meter Only: Includes meter, electrode arm, RS-232 & USB cables, 100/240 V power supply, and manual.

Description	Catalog No.
AB250 Kit	13-636-AB250
AB250 Meter Only	13-636-AB250A

Ion Selective Electrodes (ISE)

Description	Catalog No.
Fluoride	13-620-629
Ammonia	13-620-509
Nitrate	13-620-534
Chloride	13-620-627
Sodium	13-620-503A



Affordable Ion measurements have never been easier with the AB250. Connect a pH electrode for use as a pH meter or connect any Ion Selective Electrode when ion measurement is desired.

View detailed calibration data with touch of a button. Collapse the display to show the main reading with temperature, or expand to display additional details.

For best results, connect optional 13-620-BSP stirrer (see page 13) for efficient mixing and fast, accurate measurements!