



Fisher Scientific accumet® XL250 pH/mV/Temp/ISE Meter

Multiple BNC Ports Allow Flexibility

- » Dual-BNC channels; use them for pH or mV or ion selective measurement – you decide
- » Accepts any pH, ORP, or ion selective electrode with BNC connector
- » View independent electrode slope in each channel and each range at a glance
- » TFT color LCD provides crystal clear data from wide viewing angles and at a distance
- » Connect one or two stirring probes; provides mixing without stir plates!
- » Bidirectional communication for LIMS connectivity
- » USB connectivity for use with keyboard, mouse, or other USB device
- » RJ45 Ethernet/Internet port – connect to Local Area Network (LAN) or Internet, print data to a network printer or surf the web
- » Calibrate with custom buffer values or automatically using one of five preset buffer groups

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

Ion-selective electrode measurement has never been this easy. And with dual-channel capability, there is no need to recalibrate every time you switch from pH to ISE measurement. The XL250 displays the ion name right on the measurement screen so you'll never have the wrong ISE curve.

Addition/subtraction methods are almost foolproof. The XL250 prompts you through the method steps, allowing easy entry of volumes and concentrations, providing you with the sample concentration without tedious paper calculations.

Specifications and Ordering Information

pH Mode	
Range	-2.000 to 20.000
Resolution	0.1 / 0.01 / 0.001
Accuracy	±0.1 / 0.01 / 0.002 ±1 LSD
Auto Buffer Recognition	5 preset buffer groups + custom
mV Mode	
Range	±2000 mV / Rel mV
Resolution	0.1
Accuracy	±0.2
Temperature Mode	
Range	-5.0 to 105.0 °C
Resolution	0.1 °C (0.1 °F)
Accuracy	±0.2 °C (±0.3 °F)
Ion Mode	
Range	1×10^{-6} to 9.99×10^{10}
Resolution	0.1 / 0.01 / 0.001
Accuracy	±0.5 % full scale (monovalent ion) 1 % full scale (divalent ion)
Output	RJ45, RS232, USB-A, mini-B USB, stirrer port (2)
Language Selection	English, Deutsch, 中文, Français, Italiano, & Español
High / Low Alarms	Yes, user selectable, visual & audible

Fluoride Kit: Includes meter, 13-620-629 fluoride electrode, TRIS compatible accuTupH pH electrode (13-620-183A), ATC probe (13-620-19), electrode arm, RS-232 & USB cables, 110/220 V power supply, and manual.

Ammonia Kit: Includes meter, 13-620-509 ammonia electrode, TRIS compatible accuTupH pH electrode (13-620-183A), ATC probe (13-620-19), electrode arm, RS-232 & USB cables, 110/220 V power supply, and manual.

Meter Kit: Includes meter, TRIS compatible accuTupH pH electrode (13-620-183A), ATC probe (13-620-19), electrode arm, RS-232 & USB cables, 110/220 V power supply, and manual.

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

Description	Catalog No.
XL250 Fluoride Kit	13-636-XL250F
XL250 Ammonia Kit	13-636-XL250N
XL250 Kit	13-636-XL250
XL250 Meter Only	13-636-XL250A

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

