

accumet®

Fisher Scientific

New

Basic and Advanced Benchtop Meters



Fisher Scientific accumet® High-Quality, Feature-Rich, & User-Friendly Instruments!



New Products With New Features – Our most popular instruments are now better than ever!

Fisher Scientific strives to bring you a comprehensive selection of the best laboratory products available. Our updated and expanded selection of electrochemistry products offer high quality, user-friendly and cost-effective instruments for every application and budget.

Fisher Scientific accumet® was the first to market a touch screen pH meter in 1998 with the AR series, and led the way by introducing the world's first color touch screen pH meter 2003 with the XL series. Our latest Fisher Scientific accumet AB and XL benchtop series once again represent large strides in the world of electrochemistry and stay true to their reputation for having simple-to-understand interfaces.

Fisher Scientific accumet® XL benchtop meters bring advanced features with simplicity to your laboratory. The color touch screen is stunningly vivid and is sure to make a great first impression that doesn't stop. Some newly added features include two stirring probe ports, a 3-position electrode holder, upgradeable software, and USB & RS232 connectivity. We've priced these new meters competitively, so these advanced XL meters have never been more affordable.

Fisher Scientific accumet® AB benchtop meters have been the top selling pH meter year after year. That was before we added backlight, multiple views, date/time for GLP requirements, expanded memory, custom buffer calibration options, a calibration alarm, 3-position electrode holder, stirring capability, upgradeable software, and wall-mounting to name a few new features. We have added two new models – the AB250 with ISE capability, and the AB200, our first AB multi-parameter instrument for pH & conductivity. AB basic meters offer great accuracies, simplified performance, and many popular features at an economical price and are poised to continue their success as the top selling pH meter for years to come.

Whether you are measuring pH, mV (ORP), ion selective concentration, conductivity, total dissolved solids (TDS), dissolved oxygen, temperature, or all of the above, Fisher Scientific accumet® has been offering the products you need since 1965. For more information, contact our Fisher Scientific sales representatives around the globe or visit www.fishersci.com.



AB150 Bench Meter
(Page 11)

XL600 Bench Meter
(Pages 4 & 5)

Fisher Scientific accumet® XL & AB Meter Series



	Model	XL600	XL500	XL250	XL200	XL150	AB200	AB250	AB150
	Page	5	6	8	7	9	12	10	11
	Color Touch Screen	✓	✓	✓	✓	✓			
	pH-mV (BNC) / Temp	✓✓	✓✓	✓✓	✓	✓	✓	✓	✓
	Ion Selective-mV (BNC) / Temp	✓✓	✓✓	✓✓				✓	
	Conductivity / TDS / Resistivity / Salinity / Temp	✓	✓		✓		✓		
	Dissolved Oxygen / Temp	✓							
	Stirring Probe	✓✓	✓✓	✓✓	✓✓	✓	✓	✓	✓
	USB Device / RS-232	✓	✓	✓	✓	✓	✓	✓	✓
	USB Host / RS-232 / RJ-45 (Ethernet)	✓	✓	✓	✓	✓			

✓✓ = Dual Channel Capacity

New Fisher Scientific accumet® XL

It's all just a touch away...

Simple Setup Screens

Internet Access

Multi-Channel Measurement

New TFT color touch screen display provides outstanding clarity

Custom Settings

New Fisher Scientific accumet® AB

Better than ever!

New AB backlit graphic display is capable of showing detailed or basic info with a press of a button.

Basic Info

Detailed Info



New Compact Printer
(Cat. No. 13-637-690) available for direct printing from AB150, AB200, AB250, XL150, XL200, XL250, XL500, or XL600 meters. Includes paper and 100-240 V with 4 plug types for global use.



New 13-637-692 Fisher Scientific Optical USB Mouse for use with any XL series meter. Control your XL meter without touching the screen, or use with your laptop or PC.



New Benchtop Stirring Probe for use with AB or XL series (Page 13).



New 100-240 V Power Supply included with every AB and XL model includes multi-plugs for use around the globe.

New Fisher Scientific accumet® XL Series Benchtop Meters

New Instruments With Features That Will Improve Productivity In Any Laboratory

- » TFT color LCD provides crystal clear data from wide viewing angles and at a distance
- » Improved touch screen with glass/glass sensitivity
- » 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
- » Upgradable application software
- » 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
- » User prompts and context-specific “help” screens guide you through operation
- » Extensive setup screens allow customized settings to meet your specific needs
- » 3-year instrument warranty; register at fishersci.com/accumet
- » Crowded lab bench space? Take advantage of the wall-mounting back panel
- » Do you share your meter with other departments or colleagues? Don't compromise! Create up to 10 password protected ID's; each includes memory to store 2000 data points. Base ID's on individual users, applications, or projects to keep data separate, and retain unique calibration and instrument settings



Removable electrode arm can be mounted on either side of the meter, or add a second arm to facilitate multi-probe operation.



Fisher Scientific accumet® Benchtop Stirring Probe

Simple "Plug and Stir" Technology Available With New AB & XL Series

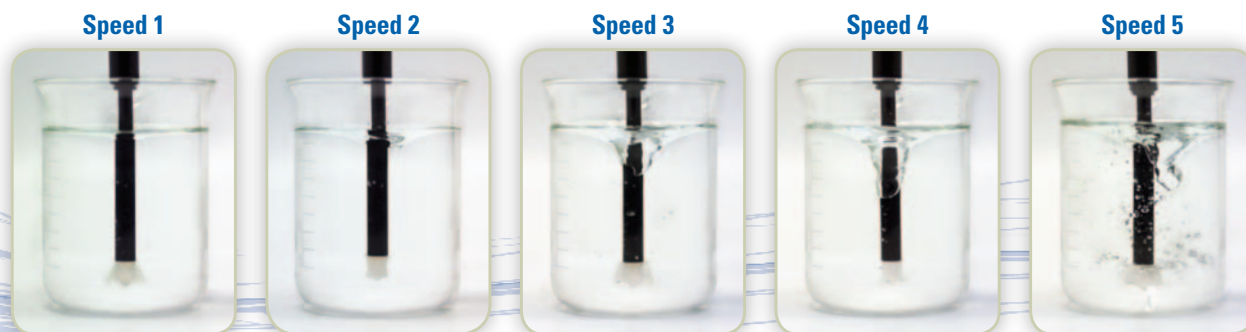
- » Provides mixing without magnetic stir bars or stir plates required!
- » Saves valuable bench space
- » Quiet operation
- » Adjustable speed control
- » No additional power required
- » Multi-parameter XL benchtop models can accept up to two probes for simultaneous stirring
- » Compatible with the following models:
 - XL150, XL200, XL250, XL500, XL600
 - AB150, AB250, AB200

Ordering Information

Description	Catalog No.
Fisher Scientific accumet Benchtop Stirring Probe	13-620-BSP
Replacement Paddle with Stirring Rod	13-620-RP
Electrode Holding Arm and Bracket for AB & XL Series Benchtop Meters	13-637-671



Slim design allows effortless mixing.

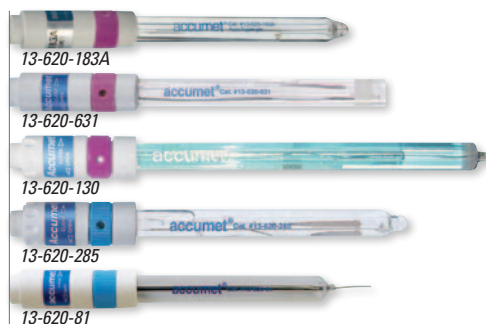


Accessories/Electrodes/Cables/Printers

Get The Most Out Of Your System

Electrodes For pH Or Redox (ORP) *

Description	Catalog No.
accuTupH® pH Electrode, Double Junction, Glass Body, Refillable	13-620-183A
pH/ATC Electrode, Double Junction, Plastic Body, Refillable	13-620-631
accuCap® pH Electrode, Capillary Junction, Glass Body, Refillable	13-620-130
pH Electrode, Single Junction, Glass Body, Refillable	13-620-285
ORP Electrode, Glass Body, Refillable	13-620-81



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



Conductivity/Temperature Electrodes For AB200, XL200, XL500, XL600

Sensor Type	Body Type	Nominal Cell Constant	Ideal Range	Catalog No.
2-Cell	Epoxy	0.1	0.5 to 2,000 μ S	13-620-101
2-Cell	Epoxy	1	20 μ S to 20 mS	13-620-100
2-Cell	Epoxy	10	1 to 200 mS	13-620-102
4-Cell	Glass	1	10 μ S to 100 mS	13-620-163
4-Cell	Glass	10	1 to 200 mS	13-620-164
4-Cell	Epoxy	1	10 μ S to 100 mS	13-620-165
4-Cell	Epoxy	10	1 to 200 mS	13-620-166



Dissolved Oxygen Probe And Accessories For Fisher Scientific accuMet® XL600

Description	Catalog No.
Self-Stirring DO/BOD/Temp Probe	13-620-SSP
Membrane Kit For 13-620-SSP. Includes (6) Membrane Caps, Polishing Disk, And Electrolyte Filling Solution	13-637-DOM



ATC/Temperature Probes With A 3-Ft Cable And Stainless Steel

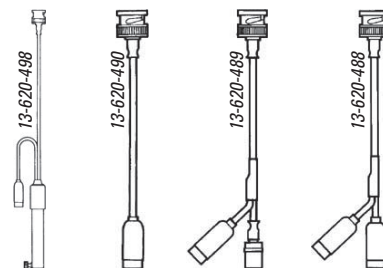
Description	Catalog No.
ATC For XL And AB Series Benchtop Meters	13-620-19



*Many other pH, ORP and ion selective electrodes are available – please contact Fisher Scientific to help you find exactly what you need.

BNC Adapter Cables

Description	Catalog No.
U.S. Standard/Pin To BNC Input Jack	13-620-498
Pin Plug To BNC Input Jack. Use With Metallic Electrodes Having Pin Connectors	13-620-490
BNC/Pin Plugs To Single BNC Input Jack	13-620-489
Dual-Pin Plugs To BNC Input Jack	13-620-488



Refilling And Storage Solutions

Description	Catalog No.
Saturated KCL. Use With Double-Junction And Calomel pH Electrodes (Purple Ring), Or Fluoride (13-620-529), Sodium, And Calcium Combination Ion Selective Electrodes, 500 mL	SP138-500
4 M KCL Saturated With AgCl. Use With Single-Junction pH Electrodes (Blue Ring), 500 mL	SP135-500
Skylite Electrolyte With Syringe For accuCap 13-620-130 pH Electrode 60 mL	13-636-430
pH Electrode Storage Solution, 1 L	SE40-1
Electrode Storage Bottle	13-620-499



13-620-499

pH Buffers For Low Ionic Strength Samples. Compatible With XL Pure Water Buffer Group

Description	Catalog No.
Pure Water Low Ionic Strength pH Test Kit – 4 x 475 mL of pH 6.97 Buffer, 2 x 475 mL Of pH 4.10 Buffer, 2 x 60 mL Of pH-ISA Adjuster	13-641-735
Pure Water pH-ISA Low Ionic Strength Adjuster, 5 x 60 mL	13-641-722
Pure Water pH 4.10 Buffer For Low Ionic Strength pH Samples, 4 x 475 mL	13-641-165
Pure Water pH 6.97 Buffer For Low Ionic Strength pH Samples, 4 x 475 mL	13-641-164
Pure Water pH 9.15 Buffer For Low Ionic Strength pH Samples, 4 x 475 mL	13-641-166



Precision Calibration Resistor Kit

- Check Meter Compliance To USP Standards. Includes:
- Six Precision Resistors (Nominal Values 10 ohm, 100 ohm, 1 kilohm, 10 kilohm, 100 kilohm, And 1 megohm)
 - Connectors For Fisher Scientific accumet® XL, AR, And AB Conductivity Meters
 - Foam Padded Case

Description	Catalog No.
Fisher Scientific accumet® Conductivity Calibration Kit	13-637-674



Other Replacement Parts And Accessories

Description	Catalog No.
Electrode Arm And Bracket For All AB And XL Series Benchtop Meters	13-637-671
Fisher Scientific accumet® Benchtop Stirring Probe	13-620-BSP
Replacement Paddle For 13-620-BSP	13-620-RP
Replacement Power Supply For AB150, AB200, AB250, XL150, XL200, XL250, XL500, XL600, 100/240 VAC	13-636-104
Replacement RS-232 Output Cable For PC And Printer	13-637-681
Compact Thermal Printer For ABxxx And XLxxx Series, 100-240 V. Includes (2) Rolls Paper And 4 Plug Types For Global Use	13-637-690
Replacement 5-Yr Thermal Paper For 13-637-690 (Pack Of 2 Rolls)	13-637-691
Fisher Scientific Optical USB Mouse. Compatible With Any XL Series Meter	13-637-692

