

Electrochemistry

pH meters, hand held



pH meters, portable, Fisher Scientific® AccuMet®, AP100 series



Fisherbrand®

- Large LCD with backlighting and plain language text making it easy to view and use
- Durable waterproof IP67 housing
- pH resolution and date/time to meet GLP (AP115, AP125)
- 200 data point internal memory
- 3 year meter warranty and 1 year electrode warranty
- Portable for indoor or outdoor use

Fisher Scientific® AccuMet® meters are versatile and durable making them ideal for the most demanding applications. Soft touch keys with comfort grip for one handed operation. Meters are small enough for a shirt pocket enhancing portability and optimising valuable bench space. The AP100 kits include a durable pH/temperature electrode that is refillable for a fast response and long life. The AP125 accepts any ion selective electrode (ISE) with a BNC connection for direct ion concentration measurement from 0.001ppm to 99,999ppm.

All meters supplied with:

- 9V battery
- Manual

Technical Specification - Specific

		11580184	11560184	11540184
pH	Model No	AP110	AP115	AP125
	Range, pH	-2.00 to 20.00	-2.00 to 20.00	-2.00 to 20.00
	Resolution, pH	0.1/0.01	0.1/0.01/0.001	0.1/0.01/0.001
	Accuracy, pH	±0.01	±0.002	±0.002
	pH calibration	Up to 5 or 6 points from 3 sets: USA: 2.00, 4.00, 7.00, 10.00 12.00 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 EURO: 1.00, 3.00, 6.00, 8.00, 10.00, 13.00	Up to 5 or 6 points from 3 sets: USA: 2.00, 4.00, 7.00, 10.00 12.00 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 EURO: 1.00, 3.00, 6.00, 8.00, 10.00, 13.00	Up to 5 or 6 points from 3 sets: USA: 2.00, 4.00, 7.00, 10.00 12.00 NIST: 1.68, 4.01, 6.86, 9.18, 12.45 EURO: 1.00, 3.00, 6.00, 8.00, 10.00, 13.00
Ion concentration	Range, concentration	-	-	0.001 to 99,999
	Resolution, concentration	-	-	1, 2, or 3 significant digits
	Accuracy, concentration	-	-	Monovalent: 0.5% full scale, Trivalent: 1% full scale
	Calibration	-	-	Available values: 0.1, 0.5, 1, 2, 5, 10, 50, 100, 500, 1,000 Calibration points: from 2 to 5 points
mV	Range, mV	±2,000	±2,000	±2,000
	Resolution, mV	0.1/1	0.1/1	0.1/1
	Accuracy, mV	±0.2/2	±0.2/2	±0.2/2
	Calibration, mV	Calibration points: 1Rel mV	Calibration points: 1Rel mV	Calibration points: 1Rel mV
Temperature	Range, °C	-5 to 100	-5 to 100	-5 to 100
	Resolution, °C	0.1	0.1	0.1
	Accuracy, °C	±0.3	±0.3	±0.3
	Calibration, temperature	Calibration points: 1 (ATC) and 1 (MTC) Available values: 1 point ±5 adjustment (ATC), -5 to 100 default adjustment (MTC)	Calibration points: 1 (ATC) and 1 (MTC) Available values: 1 point ±5 adjustment (ATC), -5 to 100 default adjustment (MTC)	Calibration points: 1 (ATC) and 1 (MTC) Available values: 1 point ±5 adjustment (ATC), -5 to 100 default adjustment (MTC)
General	Clock	-	Yes, date/time and GLP	Yes, date/time and GLP



Catalogue No	Legacy No	Description	Contents
11550184	-	AP125 Meter kit	AP125 meter, pH/ATC electrode (11560194), refill solution, hard carrying case, sample bottles and pH calibration packets
11540184	-	AP125 Meter only	AP125 meter
11570184	-	AP115 Meter kit	AP115 meter, pH/ATC electrode (11560194), refill solution, hard carrying case, sample bottles and pH calibration packets
11560184	-	AP115 Meter only	AP115 meter
11590184	-	AP110 Meter kit	AP110 meter, pH/ATC electrode (11560194), refill solution, hard carrying case, sample bottles and pH calibration packets
11580184	-	AP110 Meter only	AP110 meter

Accessories

Catalogue No	Legacy No	Description
11560194	-	pH/ATC Electrode, single junction, epoxy body, refillable
11510194	-	pH/ATC Electrode, double junction, epoxy body, refillable
11520164	-	pH/ATC Electrode, double junction, epoxy body, gel filled
11570224	-	Electrical supply, 110-220V for AB and AP100 series meters
11540234	-	Temperature probe, stainless steel