

pH/ORP/Conductivity/DO Measurement/TDS/Salinity Measurement

AQUASEARCHER™ AB33M1 Benchtop Meter

Highly Reliable and User-Friendly Benchtop Multi-Parameter Meter for Standard Laboratory Applications



- With multifunctional touch keypads, AB33 makes measurement simple and fast within 3 steps. The intelligent i-Steward monitors the condition of electrodes, ensuring accuracy of the results.
- Auto endpoint mode and auto buffer recognition makes pH calibration easy. Auto temperature compensation, adjustable TDS factor and two kinds of cell conductivity probe compatibility are all features well suited for universal laboratory applications.
- Able to store up to 1000 items in its internal memory, AB33 allows for efficient data documentation. Standard RS232 and USB interface allows connection to external devices for expanded storage.



Application pH, oxidation-reduction potential (ORP), Conductivity, Total Dissolved Solids (TDS), Salinity and Resistivity with Temperature Measurements

Display 6.5" Segment & Dot matrix LCD with backlight

Operation AC adapter (included)

Communication RS232, USB Device (included)

Construction Capacitive touch, ABS housing, standalone electrode holder

Design Features i-Steward, Two Independent Channels, Calibration due alarm, 1,000 measurement memory



AB33M1-B is supplied with: AB33M1 Benchtop Meter, Stand-Alone Electrode Holder

AB33M1-F is supplied with: AB33M1-B Content, ST310 pH Electrode, STCON3 Probe, pH Buffer Mini Kits (4 × 50mL), Conductivity Standard Kits (1413 uS/cm, 4 × 50mL)

Bulk Discount Mixture of any 10+ AB33 meters receive additional 5% discount

Model	Included Electrode	Measurement Range	Measurement Resolution	Item No.
AB33M1-B	N/A	-2.00 to 20.00 pH ±2000.0 mV 0.01 µS/cm to 500.0 mS/cm 0.1mg/L to 199.9 g/L	0.1/0.01 pH 0.1mV 0.01 µS/cm minimum; auto-range 0.01 mg/L minimum, auto-range	30589824
AB33M1-F	ST310, STCON3	2 to 100 MΩ-cm 0 to 100 psu -5.0 to 110.0°C	0.01 Ω-cm auto-range 0.01 psu minimum, auto-range 0.1 °C,	30589825



Accessories	Item No.
Buffer pH4.01 250 ml	30100425
Buffer pH6.86 250 ml	30100426
Buffer pH7.00 250 ml	30100427
Buffer pH9.18 250 ml	30100428
Buffer pH10.01 250 ml	30100429
Buffer pH12.45 250 ml	30100440
Buffer pH1.68 250 ml	30100424
Buffer Powder pH4.01;7.00;10.01	83033971
Standard Conduct 10µs/cm 250 ml	30100441
Standard Conduct 84µs/cm 250 ml	30100442
Standard Conduct 1413µs/cm 250 ml	30100443
Standard Conduct 12.88mS/cm 250 ml	30100444
Printer, Impact, SF40A	30045641
pH electrolyte	30059255
pH electrode protection	30059256



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Electrodes, Solutions, Calibration Standards and Accessories



Accessories	Item No.
Electrode holder AB33/AB41	30661423
Stirrer Compact AS20	30661425
Printer, Impact, SF40A	30045641
Tester BNC AB33 AB41	30658042
Electrode holder AB23	30661424



Stirrer Compact AS20

Solutions & Calibration Standards	Item No.
Reference Electrolyte (3M KCl Solution, 30 mL)	30059255
pH electrode protection (3M KCl, 125 mL)	30059256
Buffer pH1.68 250 ml	30100424
Buffer pH4.01 250 ml	30100425
Buffer pH6.86 250 ml	30100426
Buffer pH7.00 250 ml	30100427
Buffer pH9.18 250 ml	30100428
Buffer pH10.01 250 ml	30100429
Buffer pH12.45 250 ml	30100440
Buffer Powder pH4.01;7.00;10.01	83033971
Standard Conduct 10 μ s/cm 250 ml	30100441
Standard Conduct 84 μ s/cm 250 ml	30100442
Standard Conduct 1413 μ s/cm 250 ml	30100443
Standard Conduct 12.88mS/cm 250 ml	30100444



Electrodes	Item No.
ST230	83033968
ST260	30129357
ST270	30240974
ST350	30129354
STMICR05	30087566
STMICR08	30087569
STPURE	83033969
STREF1	30059253
STORP2	30038553
STORP1	30038555
ST210	83033966
ST272	30393265
ST310	83033965
ST320	83033967
STSURF	30129470
STCON3	83033972
STCON7	30080693
STTEMP30	83033970

