



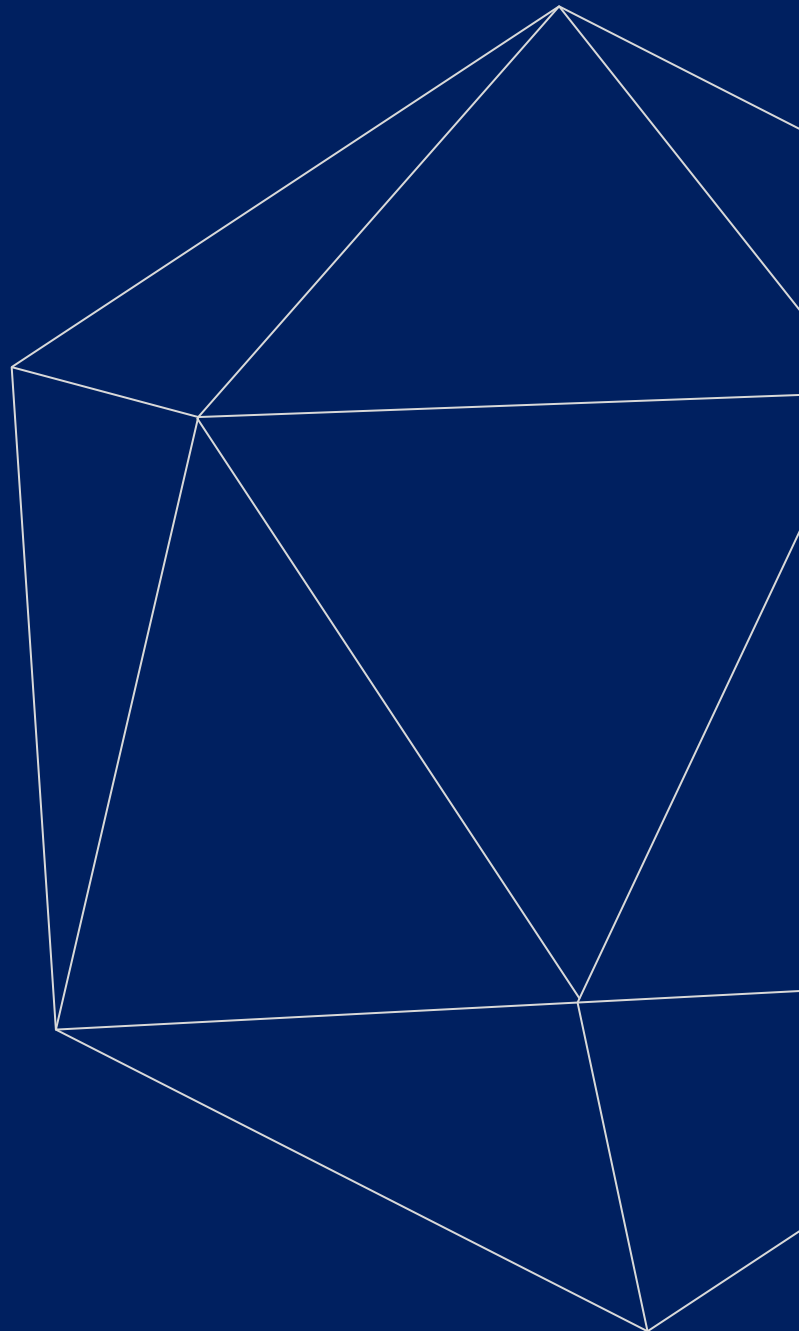
LABORATORY LINES

PORTABLE PH/ION METER



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With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



KALSTEIN® Portable pH/Ion Meter

Model YR01816



YR01816 Portable pH/Ion Meter

Multiparameter portable ion meter, 2 to 5 points calibration, selectable concentration unit. The meter is suitable for measuring the pH, mV and ion concentration of the samples.



Ion Mode:

- ✓ Professional portable ion meter is equipped with a large backlit LCD display.
- ✓ 2 to 5 points calibration, containing the 8 concentration points can be selected.
- ✓ Automatically recognizes the ion selective electrodes, does not need to specify type of ion.
- ✓ Automatic electrode diagnosis shows the details of the calibration point and slope.
- ✓ Direct ion concentration readout simplifies the measurement process.
- ✓ Selectable concentration units include the ppm, mg/L and mol/L.

pH Mode:

- ✓ 1 to 5 points push-button calibration with auto-buffer recognition.
- ✓ Selectable pH buffer group (USA/NIST/DIN) or using the custom calibration solutions.
- ✓ Automatic electrode diagnosis with pH slope and offset display.
- ✓ Automatic Temperature Compensation provides accurate reading over the entire range.

ORP Mode:

- ✓ 1 point offset calibration allows adjusting the displayed value to a known standard.
- ✓ Relative and absolute millivolt modes provide the reliable ORP measurements.

Other Features:

- ✓ Calibration Due Alarm prompts user to calibrate the meter regularly.
- ✓ Stability indicator shows when a measurement is recognized as stable.
- ✓ Auto-Hold feature senses and locks the measurement endpoint.
- ✓ Battery indicator shows the remaining battery capacity.
- ✓ Auto-Power Off effectively conserves battery life.
- ✓ Setup menu allows setting the 10 parameters, including the number of calibration points, resolution, stability criteria, ionic valency, temperature unit, etc.
- ✓ Reset feature automatically resumes all settings back to factory default options.
- ✓ Expanded memory stores and recalls up to 500 data sets.
- ✓ Stored readings can be transferred into the computer by USB communication interface.
- ✓ Multi-mode power scheme (batteries, power adapter or USB port) ensures that use the meter smoothly.



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+33 1 78 95 87 89 / +33 6 80 76 07 10 •
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KALSTEIN® Portable pH/Ion Meter

Model YR01816



Model	YR01816
pH	
Range	-2.000 to 20.000pH
Resolution	0.001, 0.01, 0.1pH, selectable
Accuracy	±0.002pH
Calibration Points	1 to 5 points
pH Buffer Options	USA, NIST, DIN, 2 custom buffers
ORP	
Range	±1999.9mV
Resolution	0.1, 1mV, selectable
Accuracy	±0.2mV
Calibration Points	1 point
Measurement Modes	Relative or absolute mV
Ion Concentration	
Range	0.001 to 19999 (depending on the range of ISE)
Resolution	0.001, 0.01, 0.1, 1
Accuracy	±0.5% F.S. (monovalent), ±1% F.S. (divalent)
Calibration Points	2 to 5 points
Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
Measurement Units	ppm, mg/L, mol/L, mmol/L
Temperature	
Range	0 to 105°C/32 to 221°F
Resolution	0.1°C/0.1°F
Accuracy	±0.5°C/±0.9°F
Offset Calibration	1 point
Calibration Range	Reading ±10°C
General Specifications	
Temperature Compensation	0 to 100°C/32 to 212°F, manual or automatic
Stability Criteria	Low or high
Calibration Due Alarm	1 to 31 days or off
Auto-Power Off	10, 20 or 30 minutes after last key pressed
Memory	Stores up to 500 data sets
Output	USB communication interface
Connector	BNC, 3.5mm jack socket
Display	Custom LCD (80×60mm)
Power	3×1.5V AA batteries or DC5V power adapter
Battery Life	Approximately 150 hours (turn off the backlight)
Dimensions	170(L)×85(W)×30(H)mm
Weight	300g



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PARIS - FRANCE
HEADQUARTER
2 Rue Jean Lantier
75001 Paris - France

Tlf: +33 (0) 01 78 95 87 89
Cel: +33 (0) 6 80 76 07 10
sales@kalstein.eu

<https://kalstein.eu/>
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